COMPACT DISC STEREO SYSTEM

RXD-C2/L

SERVICE MANUAL

(UD-202 main unit)

KENWOOD

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B51-4991-00(K) 2706

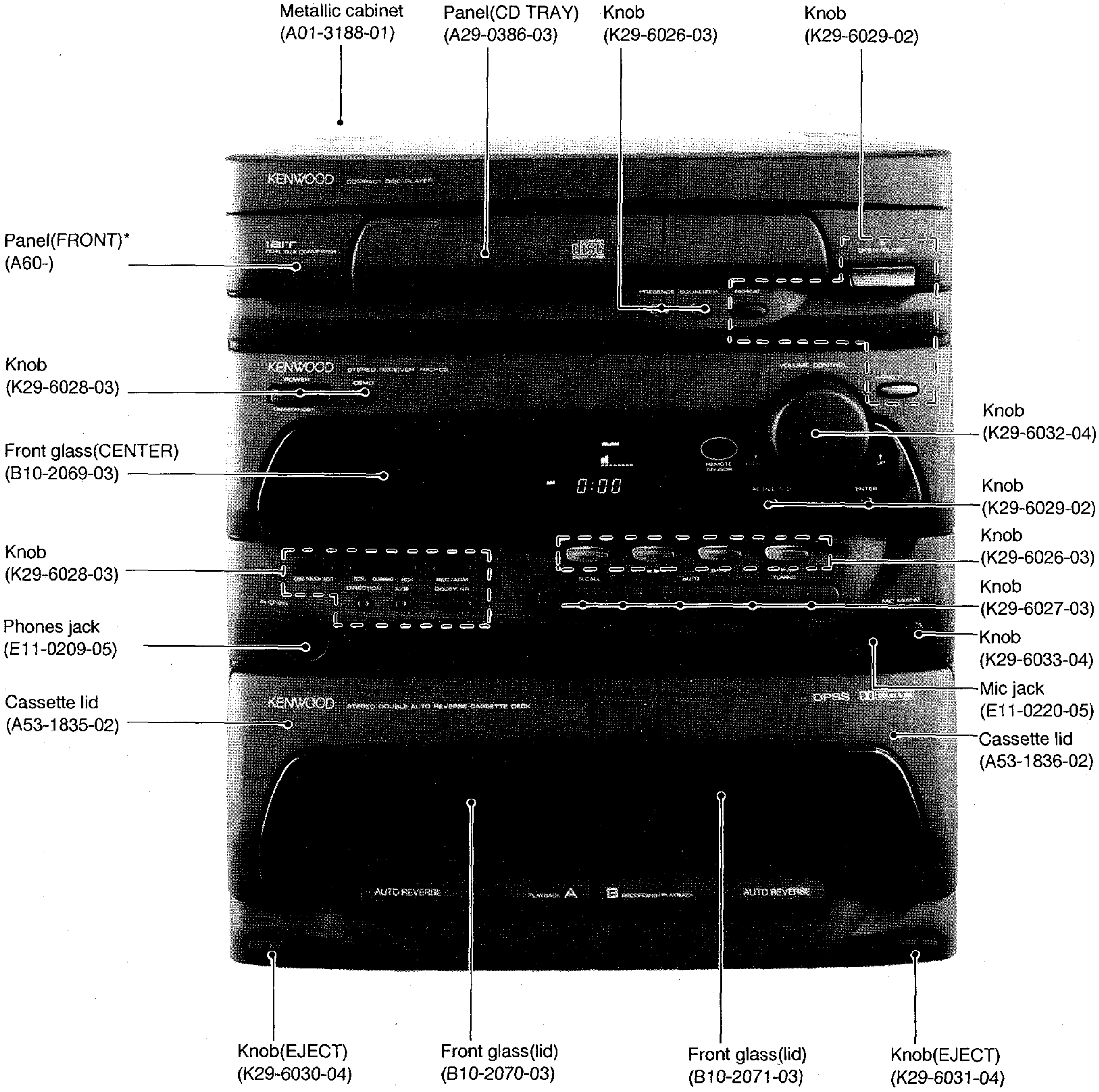
Metallic cabinet
(A01-3188-01)
Panel(CD TRAY)
(A29-0386-03)
Knob
(K29-6026-03)
Knob
(K29-6029-02)
Panel(FRONT)*
(A60-)
Knob
(K29-6028-03)
Front glass(CENTER)
(B10-2069-03)
Knob
(K29-6028-03)
Phones jack
(E11-0209-05)
Cassette lid
(A53-1835-02)
Knob
(K29-6032-04)
Knob
(K29-6029-02)
Knob
(K29-6026-03)
Knob
(K29-6027-03)
Knob
(K29-6033-04)
Mic jack
(E11-0220-05)
Cassette lid
(A53-1836-02)
Knob(EJECT)
(K29-6030-04)
Front glass(lid)
(B10-2070-03)
Front glass(lid)
(B10-2071-03)
Knob(EJECT)
(K29-6031-04)
KENWOOD
AUTO REVERSE
PLAYBACK A
B RECORDING/PLAYBACK
AUTO REVERSE

Photo is RXD-C2 M type.

*Refer to parts list on page 59.

PRECATIONS FOR REPAIR

- For the operation of the cassette mechanism, see Service Manual (B51-4869-00) of RXD-C3/C3L.

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SPECIFICATIONS .... BACK COVER

System configuration

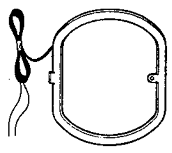
SYSTEM NAME	MAIN UNIT	SPEAKER
UD-202	**RXD-C2/L**	LS-C2

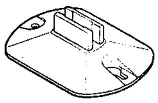
System carton box

Destination	Parts No.
M (Singapore mode)	H60-0284-04
M(Chinese made)	H60-0285-04
X(Singapore made)	H60-0286-04
Y	H60-0287-04

Accessories

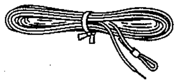
AM loop antenna assy ....(1)
(T90-0195-05)



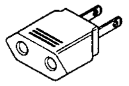


Loop antenna stand
(J19-3645-05)

FM indoor antenna ....(1)
(T90-0182-15)

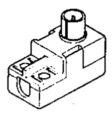


AC plug adaptor ....(1)
(Except for the U.S.A., Canada, Mexico, Europe, U.K. and Australia)
(E03-0115-05)

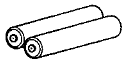


For the unit with a European AC plug in areas other than Europe.

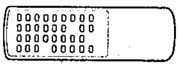
Antenna adaptor ....(1)
(For U.K. and Europe)
(T90-0198-05)



Batteries(R6/AA) ....(2)



Remote control unit ....(1)
(A70-1004-05) : RC-C2



Battery cover : (A09-0170-08)

Beware of condensation

When water vapor comes into contact with the surface of a cold material, condensation is produced.
If condensation occurs, correct operation may not be possible, or the unit may not function correctly.
This is not a malfunction, however, and the unit should be dried-out. (To do this, turn the POWER switch ON and leave the unit as it is for several hours.)

Be especially careful in the following conditions:

- When the unit is brought from a cold place to a warm place, and there is a large temperature difference.
- When a heater starts operating.
- When the unit is brought from an air-conditioned place to a place of high temperature with high humidity.
- When there is a large difference between the internal temperature of the unit and the ambient temperature, or in conditions where condensation occurs easily.

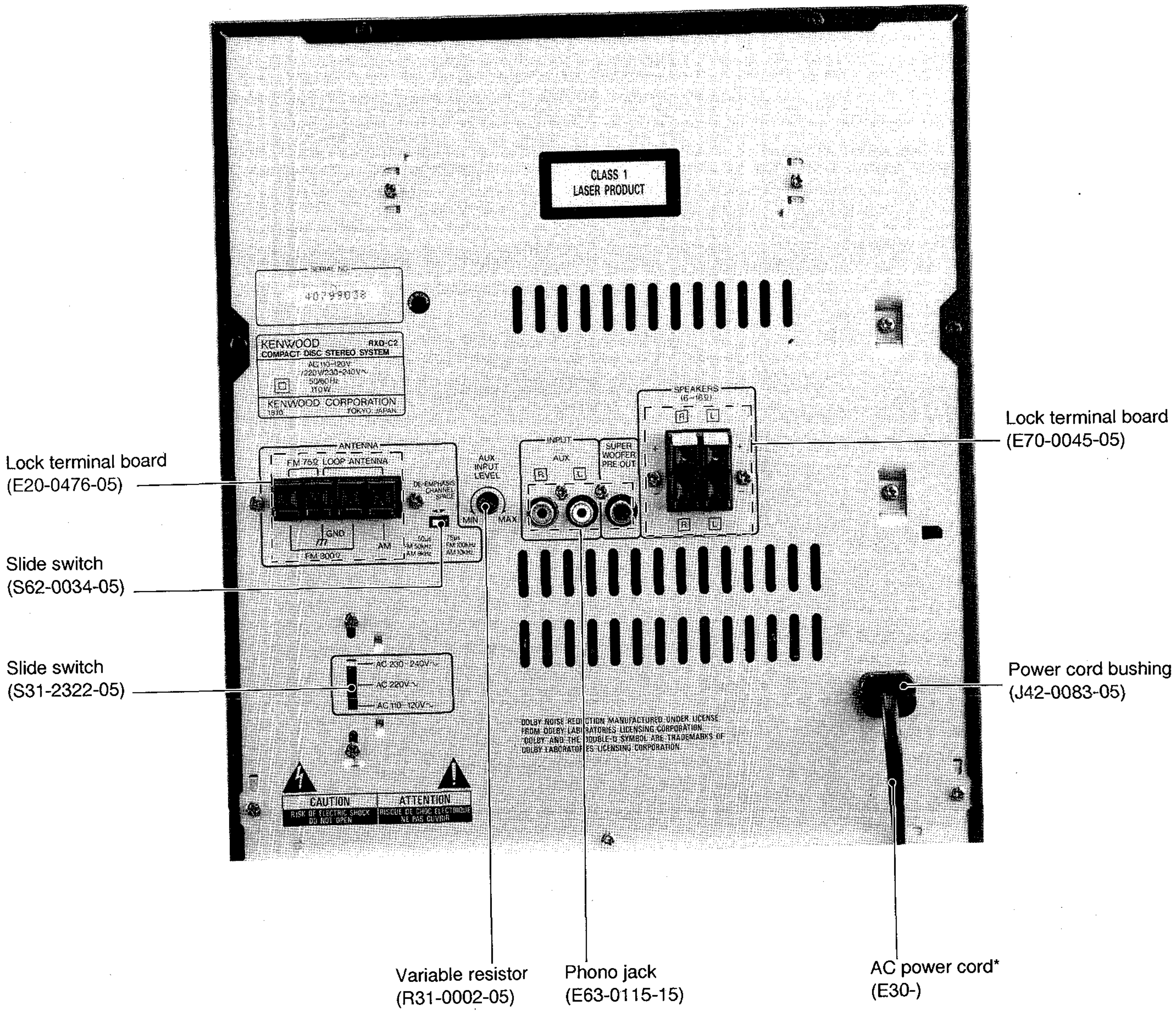
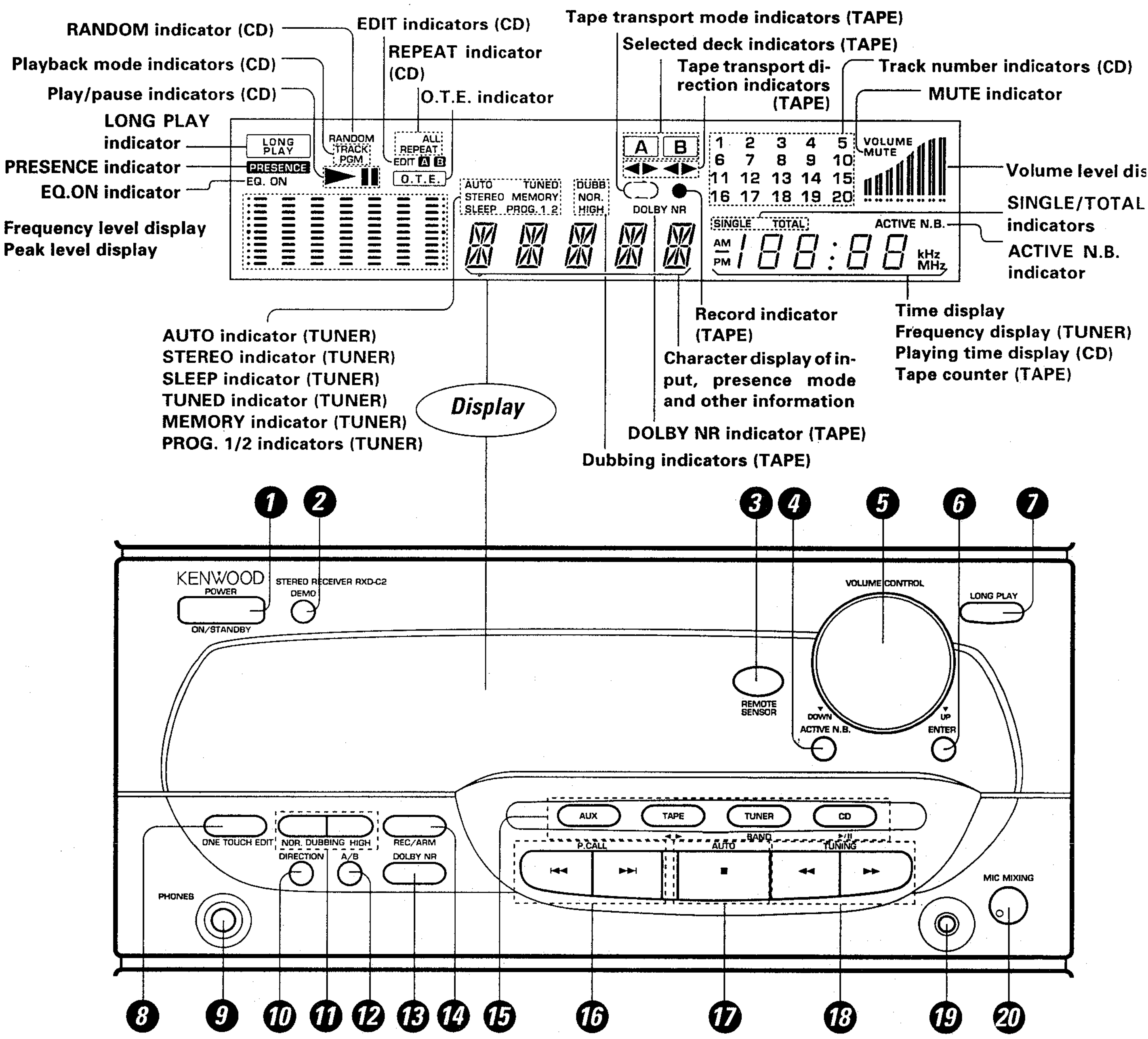

Lock terminal board
(E20-0476-05)
Slide switch
(S62-0034-05)
Slide switch
(S31-2322-05)
Lock terminal board
(E70-0045-05)
Power cord bushing
(J42-0083-05)
Variable resistor
(R31-0002-05)
Phono jack
(E63-0115-15)
AC power cord*
(E30-)
CLASS 1
LASER PRODUCT
KENWOOD
COMPACT DISC STEREO SYSTEM
ANTENNA
SPEAKERS
INPUT
AUX
SUPER WOOFER PRE OUT
AUX INPUT LEVEL
MIN
MAX
AC 230-240V
AC 220V
AC 110-120V
CAUTION
ATTENTION

Photo is RXD-C2 M type.

*Refer to parts list on page 59.

RXD-C2/L

RECEIVER UNIT


RANDOM indicator (CD)
Playback mode indicators (CD)
Play/pause indicators (CD)
LONG PLAY indicator
PRESENCE indicator
EQ.ON indicator
Frequency level display
Peak level display
EDIT indicators (CD)
REPEAT indicator (CD)
O.T.E. indicator
Tape transport mode indicators (TAPE)
Selected deck indicators (TAPE)
Tape transport direction indicators (TAPE)
Track number indicators (CD)
MUTE indicator
Volume level dis
SINGLE/TOTAL indicators
ACTIVE N.B. indicator
Time display
Frequency display (TUNER)
Playing time display (CD)
Tape counter (TAPE)
Record indicator (TAPE)
Character display of input, presence mode and other information
DOLBY NR indicator (TAPE)
Dubbing indicators (TAPE)
AUTO indicator (TUNER)
STEREO indicator (TUNER)
SLEEP indicator (TUNER)
TUNED indicator (TUNER)
MEMORY indicator (TUNER)
PROG. 1/2 indicators (TUNER)
Display
LONG PLAY
PRESENCE
EQ. ON
RANDOM
TRACK
PGM
ALL
REPEAT
EDIT A B
O.T.E.
AUTO
TUNED
STEREO
MEMORY
SLEEP
PROG. 1 2
DUBB
NOR.
HIGH
A
B
DOLBY NR
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15
16 17 18 19 20
VOLUME
MUTE
SINGLE
TOTAL
ACTIVE N.B.
AM
PM
kHz
MHz
1
2
3
4
5
6
7
KENWOOD
POWER
ON/STANDBY
STEREO RECEIVER RXD-C2
DEMO
VOLUME CONTROL
LONG PLAY
REMOTE SENSOR
DOWN
ACTIVE N.B.
UP
ENTER
ONE TOUCH EDIT
NOR. DUBBING HIGH
DIRECTION
A/B
REC/ARM
DOLBY NR
AUX
TAPE
TUNER
CD
P.CALL
AUTO
BAND
TUNING
PHONES
MIC MIXING
8
9
10
11
12
13
14
15
16
17
18
19
20

① POWER key
Press to turn the power of the system ON/OFF.

② DEMO key
Press to start demonstration.

③ Remote control light sensor

④ ACTIVE N.B. key

⑤ VOLUME CONTROL knob

⑥ ENTER key

⑦ LONG PLAY mode key
Press to let the sound play for long hours.

⑧ ONE TOUCH EDIT key
Press for simplified CD recording.

⑨ PHONES jack
Insert headphones into this jack.

⑩ DIRECTION switch key

⑪ DUBBING keys (HIGH, NOR.)
Press for tape dubbing.

⑫ Deck switch keys (A/B)
Press to select the deck to be operated.

⑬ DOLBY NR key

⑭ REC/ARM key

⑮ Input selector keys

CD:	Functions as the play/pause key.
TAPE:	Functions as the play key. Pressing during playback changes the tape transport direction.
TUNER:	Functions as the BAND key.
AUX:	Press to play the AUX input source.

⑯ Skip (P.CALL) keys

CD:	Function as the skip keys.
TAPE:	Function as the skip key. to search the beginning of music programs.
TUNER:	Function as the P.CALL keys.

When power is OFF:
Used to adjust the clock or timer operation.

⑰ Stop (AUTO) key

CD, TAPE:	Functions as the stop key.
TUNER:	Functions as the AUTO key.

When power is OFF:
Activates the clock adjustment mode.

⑱ Fast winding (TUNING) keys

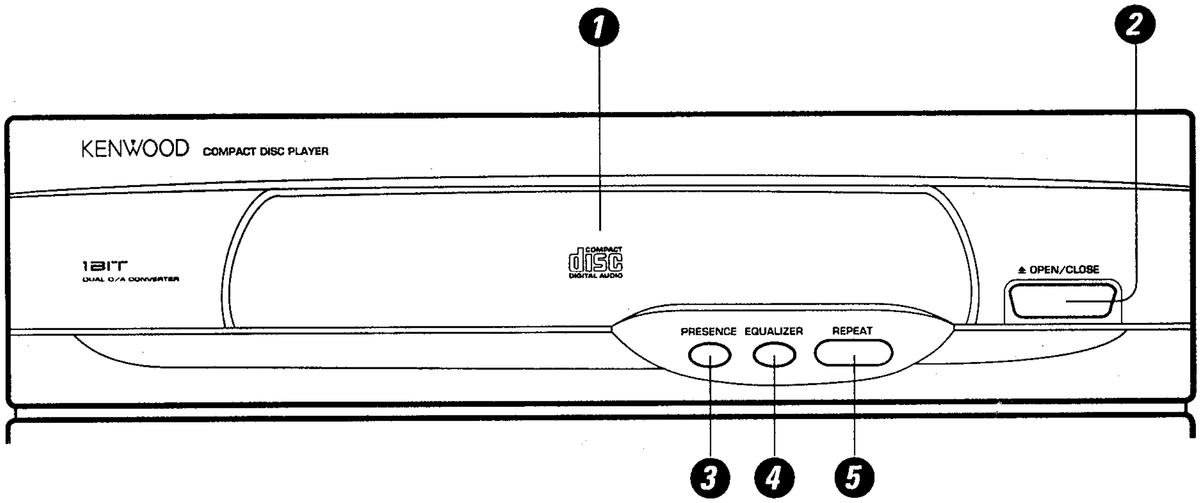
CD, TAPE:	Function as the fast forward/backward keys.
TUNER:	Function as the TUNING keys.

When power is OFF:
Used to set the timer.

⑲ MIC jack

⑳ MIC MIXING control knob

CD PLAYER/ CASSETTE DECK UNIT


❶
❷
KENWOOD COMPACT DISC PLAYER
1BIT
DUAL D/A CONVERTER
COMPACT disc DIGITAL AUDIO
▲ OPEN/CLOSE
PRESENCE
EQUALIZER
REPEAT
❸
❹
❺

❶ Disc tray

❷ OPEN/CLOSE key

❸ PRESENCE key

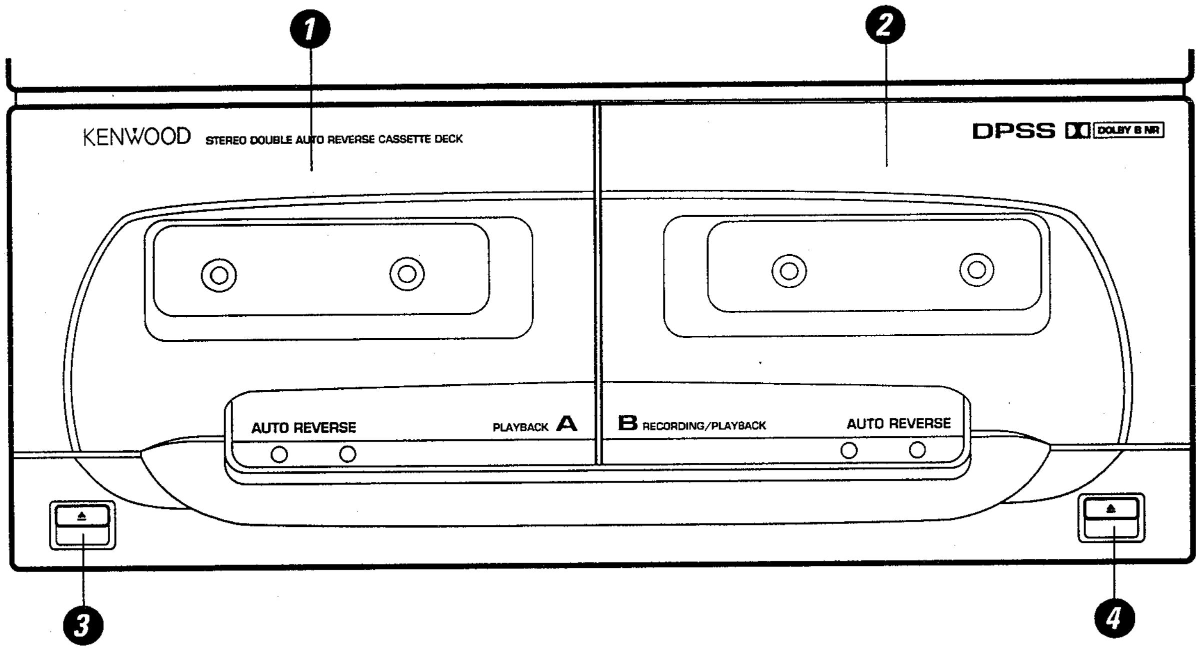
Press for presence play.

❹ EQUALIZER key

Press to select a graphic equalizer pattern.

❺ REPEAT key

Press to paly CD track(s) repeatedly.


❶
❷
KENWOOD STEREO DOUBLE AUTO REVERSE CASSETTE DECK
DPSS
DOLBY B NR
AUTO REVERSE
PLAYBACK A
B RECORDING/PLAYBACK
AUTO REVERSE
❸
❹

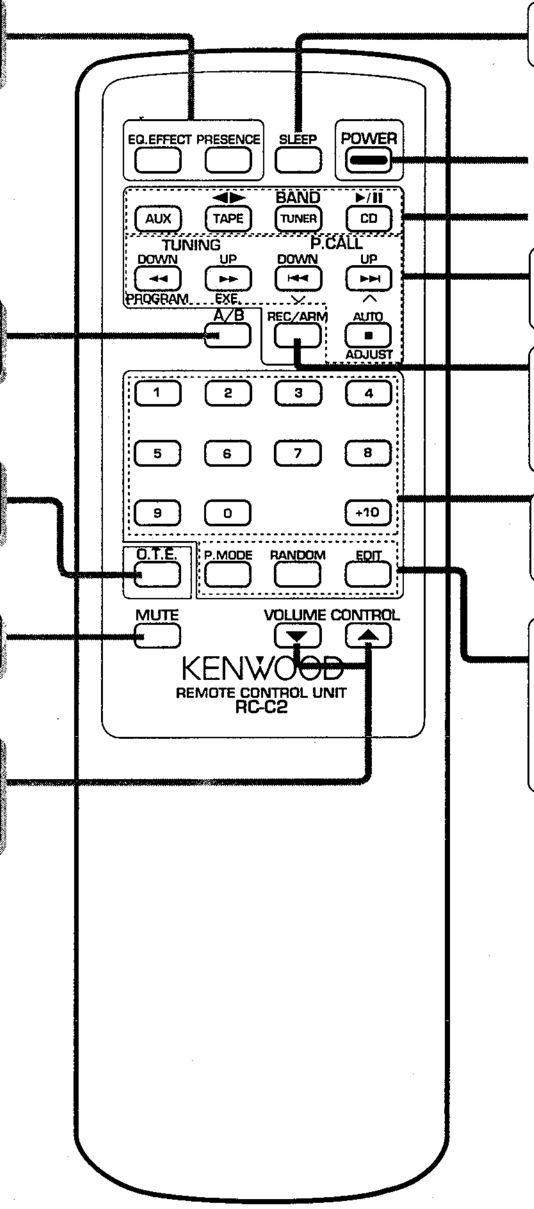
❶ Deck A cassette holder

❷ Deck B cassette holder

❸ Deck A eject key

❹ Deck B eject key

REMOTE CONTROL UNIT


EQ.EFFECT
PRESENCE
SLEEP
POWER
◄► BAND ►/II
AUX
TAPE
TUNER
CD
TUNING
P.CALL
DOWN
UP
DOWN
UP
◄◄
►►
I◄◄
►►I
PROGRAM
EXE.
A/B
REC/ARM
AUTO
■
ADJUST
1
2
3
4
5
6
7
8
9
0
+10
O.T.E.
P.MODE
RANDOM
EDIT
MUTE
VOLUME CONTROL
KENWOOD
REMOTE CONTROL UNIT
RC-C2

Graphic equalizer operation keys
EQ.EFFECT: Selects the graphic equalizer effects.
PRESENCE: Selects the sound field effects.

A/B key
Press to select the cassette deck to be operated.

O.T.E. (One-Touch Edit) key
Press for example to record the CD track being played.

MUTE key
Press to mute sound temporarily.

VOLUME CONTROL keys
Press to adjust the volume. When these keys are pressed, the display shows the current volume level.

SLEEP key
Press to activate the sleep timer.

POWER key

Input selector (plus basic operations) keys

The functions are variable depending on the input source or the power ON/OFF status.

REC/ARM key
Press to start recording. If the key is pressed during recording, the recording pauses after leaving a non-recorded blank of 4 seconds.

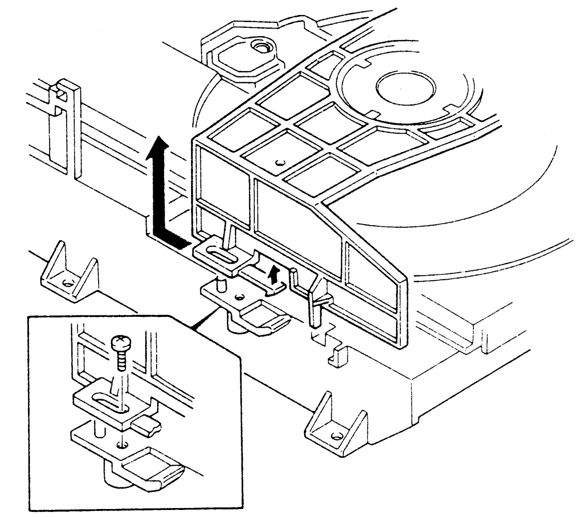
Numeric keys
When the CD input is selected, use as the numeric keys of the CD player.

CD player operation keys
P.MODE: Press to change the play mode.
RANDOM: Press for random playback.
EDIT: Press to activate the EDIT mode.

DISASSEMBLY FOR REPAIR

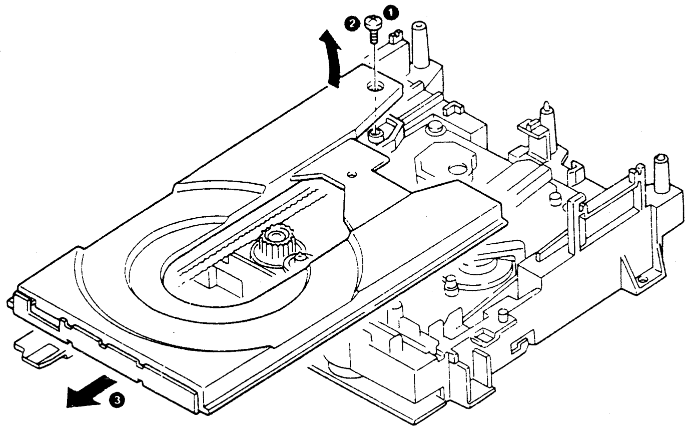
1. How to Remove Clamper

1. Remove the cabinet.
2. Remove both-sides-catchers of clamper ass'y and slide it backwards.
3. Lift the clamper ass'y.



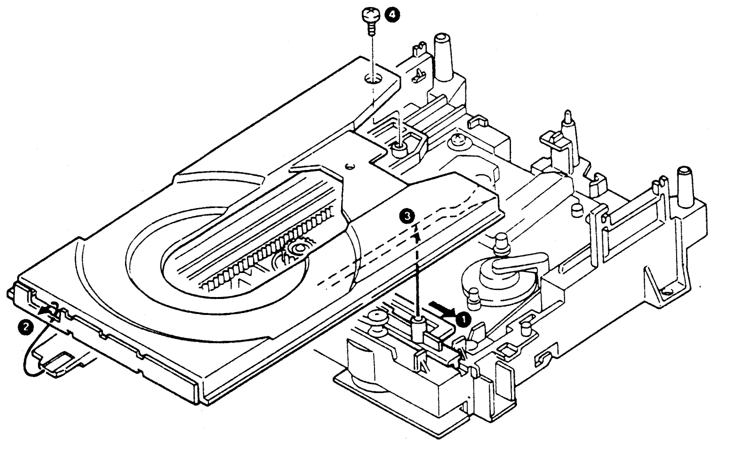
2. How to Remove Tray

1. Turn power switch off after tray is open.
2. Remove screw (❶).
3. Lift the tray (❷).
4. Slide the tray frontwards and remove it (❸).



3. How to Mount Tray

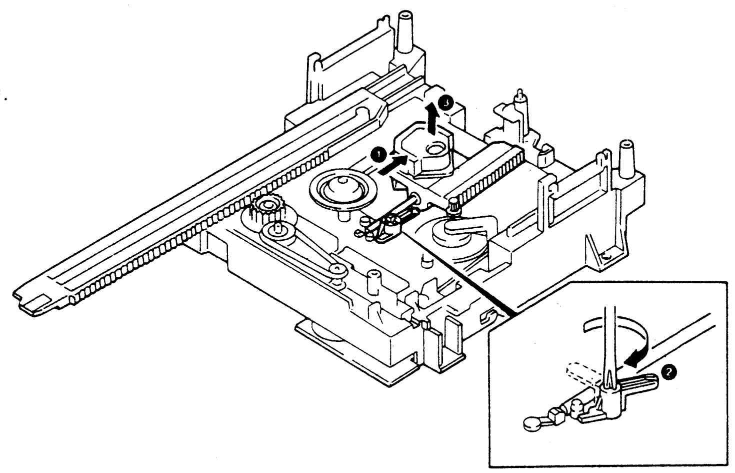
1. Slide slider fully rightwards and pull out tray gear frontwards (❶).
2. Insert tray gear in slit of tray (❷).
3. Set tray-back-groove to boss of slider (❸).
4. Fix tray with screw (❹).



DISASSEMBLY FOR REPAIR

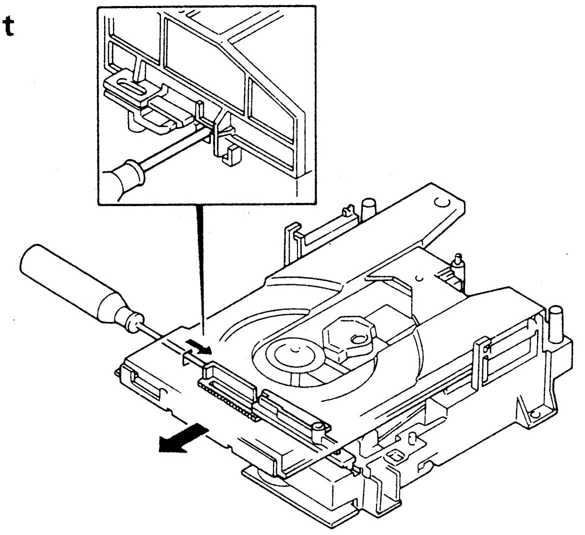
4. How to Replace Pickup

1. Remove clamper ass'y and set tray-open.
2. Move pickup at center position of its all travel (❶).
3. Turn rod stopper (❷) and lift pickup ass'y (❸).



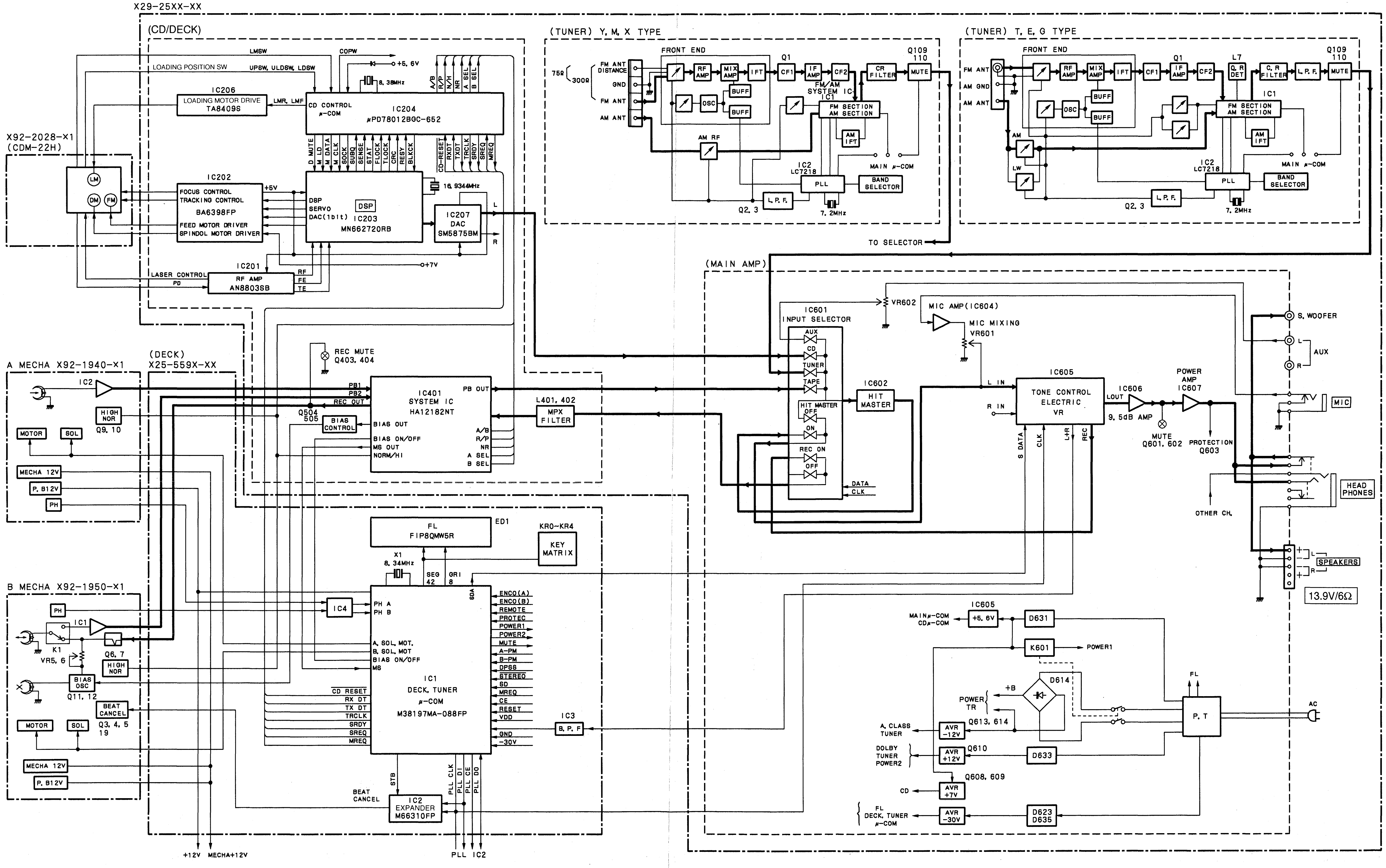
5. How to Open Tray when Tray Not Come Out

1. Insert screw driver to left-side hole of mechanism ass'y.
2. Push slider rightwards.



RXD-C2/L RXD-C2/L

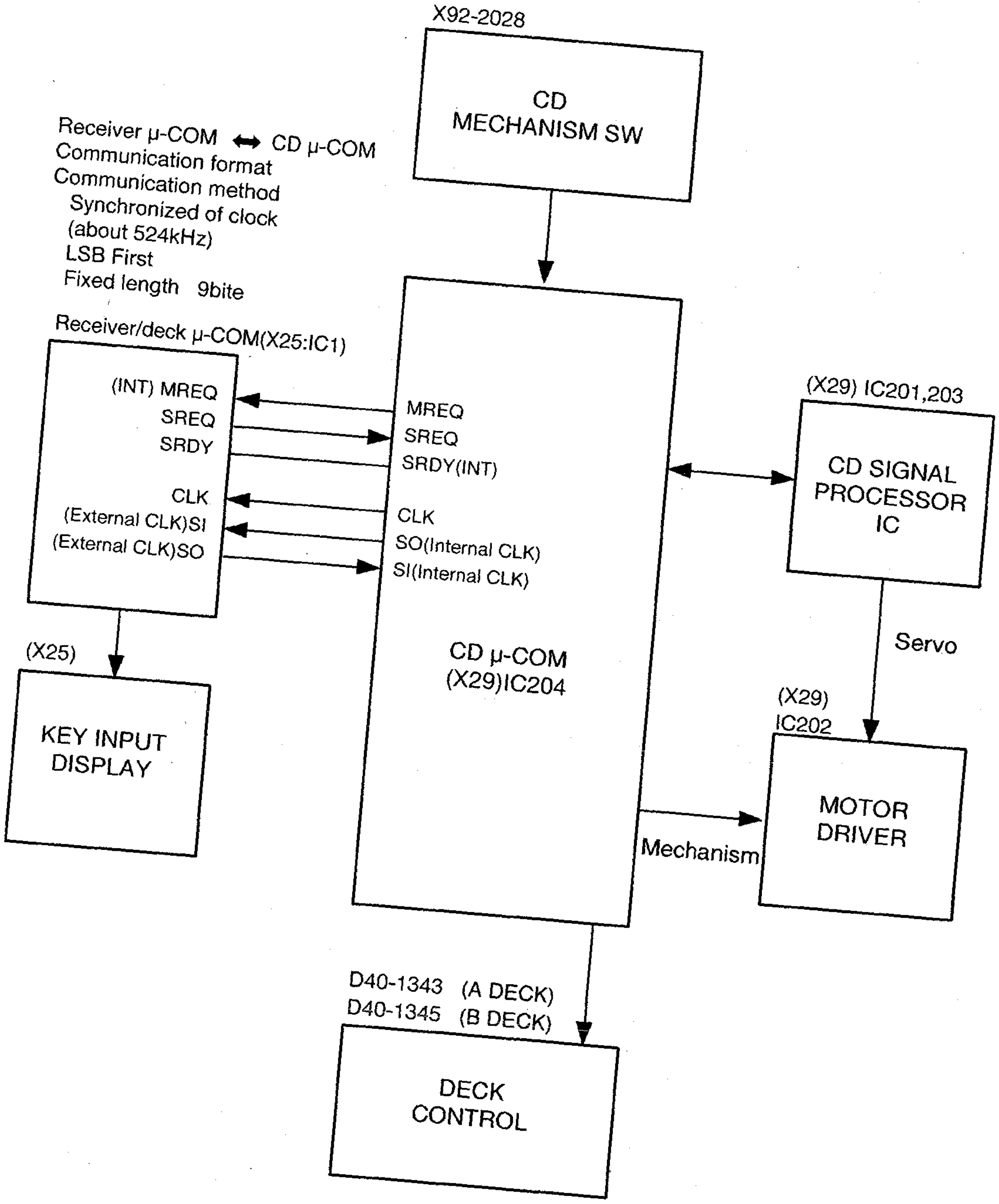
BLOCK DIAGRAM



X29-25XX-XX
(CD/DECK)
LMSW
COPW
LOADING POSITION SW
UPSW, ULDSW, LDSW
+5.6V
8.38MHz
IC206
LOADING MOTOR DRIVE
TA8409S
LMR, LMF
CD CONTROL
μ-COM
IC204
μPD78012BGC-652
A/B
R/P
N/H
NR
A SEL
B SEL
X92-2028-X1
(CDM-22H)
LM
DM
FM
IC202
FOCUS CONTROL
TRACKING CONTROL
BA6398FP
FEED MOTOR DRIVER
SPINDOL MOTOR DRIVER
+5V
D MUTE
M LD
M DATA
M CLK
SOCK
SUBQ
SENSE
STAT
FLOCK
TLOCK
CRC
RESY
BLKCK
CD-RESET
RXDT
TXDT
TRCLK
SRDY
SREQ
MREQ
16.9344MHz
DSP
SERVO
DAC(1bit)
DSP
IC203
MN662720RB
IC207
DAC
SM5875BM
L
R
IC201
LASER CONTROL
PD
RF AMP
AN8803SB
RF
FE
TE
+7V
(TUNER) Y, M, X TYPE
FRONT END
75Ω
300Ω
FM ANT DISTANCE
GND
FM ANT
AM ANT
RF AMP
MIX AMP
IFT
BUFF
OSC
BUFF
Q1
CF1
IF AMP
CF2
FM/AM SYSTEM IC
IC1
FM SECTION
AM SECTION
CR FILTER
Q109
110
MUTE
AM RF
AM IFT
MAIN μ-COM
IC2
LC7218
PLL
BAND SELECTOR
L.P.F.
Q2, 3
7.2MHz
TO SELECTOR
(TUNER) T, E, G TYPE
FRONT END
FM ANT
AM GND
AM ANT
RF AMP
MIX AMP
IFT
BUFF
OSC
BUFF
Q1
CF1
IF AMP
CF2
L7
Q.R DET
C.R FILTER
L.P.F.
Q109
110
MUTE
IC1
FM SECTION
AM SECTION
AM
LW
AM IFT
MAIN μ-COM
IC2
LC7218
PLL
BAND SELECTOR
L.P.F.
Q2, 3
7.2MHz
(MAIN AMP)
VR602
MIC AMP(IC604)
MIC MIXING
VR601
IC601
INPUT SELECTOR
AUX
CD
TUNER
TAPE
HIT MASTER
OFF
ON
REC ON
OFF
DATA
CLK
IC602
HIT MASTER
L IN
R IN
IC605
TONE CONTROL
ELECTRIC
VR
LOUT
S DATA
CLK
L+R
REC
IC606
9.5dB AMP
MUTE
Q601, 602
POWER AMP
IC607
PROTECTION
Q603
S.WOOFER
L
R
AUX
MIC
HEAD PHONES
OTHER CH.
L
R
SPEAKERS
13.9V/6Ω
A MECHA X92-1940-X1
IC2
HIGH NOR
Q9, 10
MOTOR
SOL
MECHA 12V
P.B12V
PH
(DECK)
X25-559X-XX
REC MUTE
Q403, 404
PB1
PB2
REC OUT
Q504
505
BIAS CONTROL
IC401
SYSTEM IC
HA12182NT
PB OUT
BIAS OUT
BIAS ON/OFF
MS OUT
NORM/HI
A/B
R/P
NR
A SEL
B SEL
L401, 402
MPX FILTER
FL
FIP8QMW5R
ED1
KR0-KR4
KEY MATRIX
X1
8.34MHz
SEG 42
GRI 8
VDA
B MECHA X92-1950-X1
PH
IC1
K1
VR5, 6
Q6, 7
HIGH NOR
BIAS OSC
Q11, 12
BEAT CANCEL
MOTOR
SOL
Q3, 4, 5
19
MECHA 12V
P.B12V
IC4
PH A
PH B
A.SOL.MOT.
B.SOL.MOT
BIAS ON/OFF
MS
CD RESET
RX DT
TX DT
TRCLK
SRDY
SREQ
MREQ
IC1
DECK, TUNER
μ-COM
M38197MA-088FP
ENCO(A)
ENCO(B)
REMOTE
PROTEC
POWER1
POWER2
MUTE
A-PM
B-PM
DPSS
STEREO
SD
MREQ
CE
RESET
VDD
GND
-30V
IC3
B.P.F
STB
PLL CLK
PLL DI
PLL CE
PLL DO
BEAT CANCEL
IC2
EXPANDER
M66310FP
+12V
MECHA+12V
PLL IC2
IC605
MAINμ-COM
CDμ-COM
+5.6V
D631
K601
POWER1
D614
+B
POWER TR
Q613, 614
FL
P.T
AC
A.CLASS TUNER
AVR -12V
DOLBY TUNER POWER2
AVR +12V
Q610
D633
Q608, 609
CD
AVR +7V
FL DECK, TUNER μ-COM
AVR -30V
D623
D635

CIRCUIT DESCRIPTION

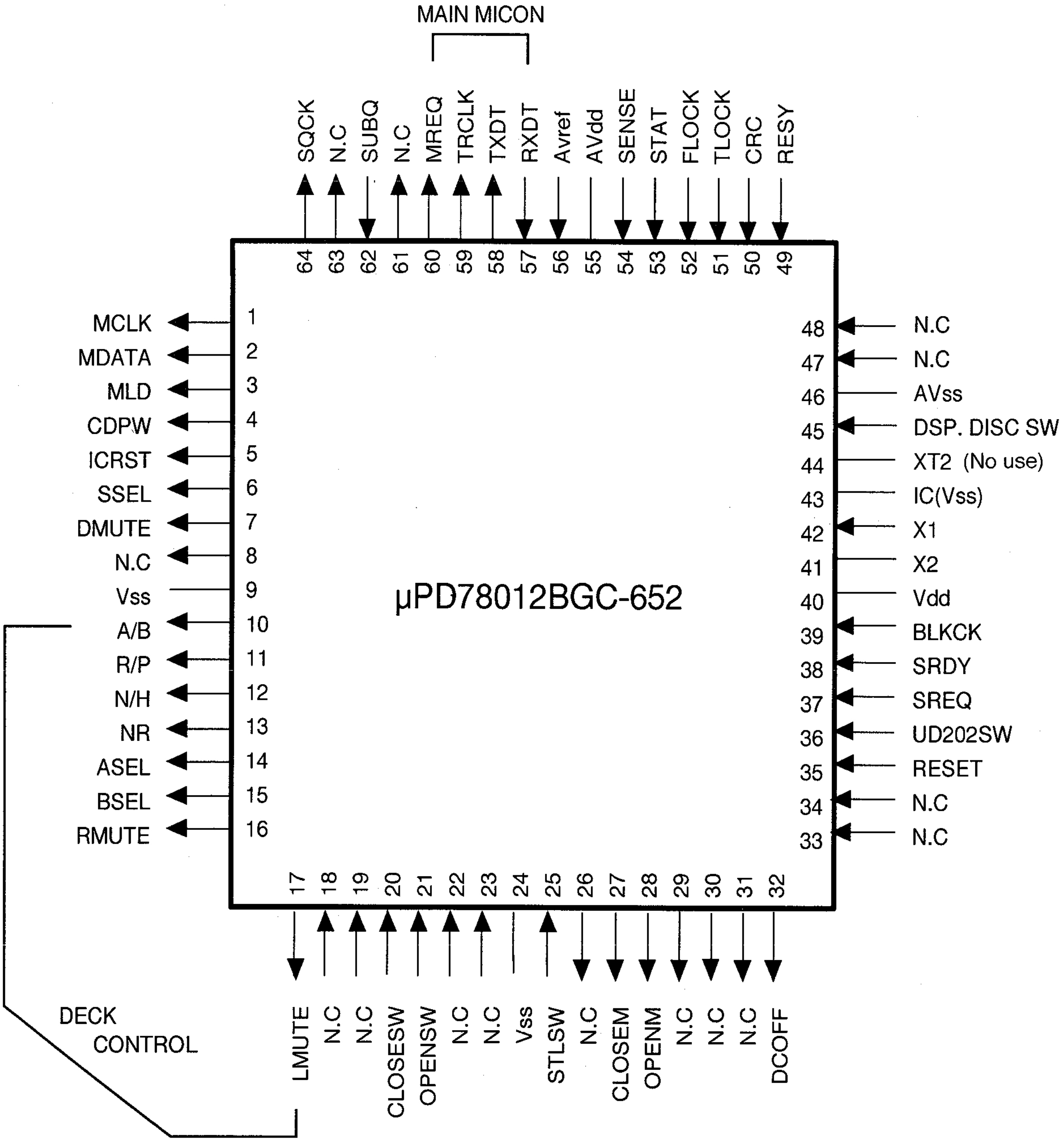
Microproccesor periphery block diagram


X92-2028
CD MECHANISM SW
Receiver μ-COM ⟷ CD μ-COM
Communication format
Communication method
Synchronized of clock
(about 524kHz)
LSB First
Fixed length 9bite
Receiver/deck μ-COM(X25:IC1)
(INT) MREQ
SREQ
SRDY
CLK
(External CLK)SI
(External CLK)SO
MREQ
SREQ
SRDY(INT)
CLK
SO(Internal CLK)
SI(Internal CLK)
CD μ-COM
(X29)IC204
(X29) IC201,203
CD SIGNAL PROCESSOR IC
Servo
(X29)
IC202
MOTOR DRIVER
Mechanism
(X25)
KEY INPUT DISPLAY
D40-1343 (A DECK)
D40-1345 (B DECK)
DECK CONTROL

CIRCUIT DESCRIPTION

CD microprocessor : µPD78012BGC-652(X29 : IC204)

1. Pin connection diagram


MAIN MICON
µPD78012BGC-652
1 MCLK
2 MDATA
3 MLD
4 CDPW
5 ICRST
6 SSEL
7 DMUTE
8 N.C
9 Vss
10 A/B
11 R/P
12 N/H
13 NR
14 ASEL
15 BSEL
16 RMUTE
17 LMUTE
18 N.C
19 N.C
20 CLOSESW
21 OPENSW
22 N.C
23 N.C
24 Vss
25 STLSW
26 N.C
27 CLOSEM
28 OPENM
29 N.C
30 N.C
31 N.C
32 DCOFF
33 N.C
34 N.C
35 RESET
36 UD202SW
37 SREQ
38 SRDY
39 BLKCK
40 Vdd
41 X2
42 X1
43 IC(Vss)
44 XT2 (No use)
45 DSP. DISC SW
46 AVss
47 N.C
48 N.C
49 RESY
50 CRC
51 TLOCK
52 FLOCK
53 STAT
54 SENSE
55 AVdd
56 Avref
57 RXDT
58 TXDT
59 TRCLK
60 MREQ
61 N.C
62 SUBQ
63 N.C
64 SQCK
DECK CONTROL

N.C : PULL DOWN

CIRCUIT DESCRIPTION

2. Pin description

Pin No.	Name	I/O	Description
1	MLCK	O	Signal processing IC clock
2	MDATA	O	Signal processing IC data
3	MLD	O	Signal processing IC latch
4	CDPW	O	Signal processing IC power regulation
5	ICRST	O	Signal processing IC reset
6	SSEL	O	Signal processing IC SSEL reguration
7	DMUTE	O	Digital mute
8	N.C	O	
9	Vss		
10	A/B	O	Deck regulation A/B switch
11	R/P	O	Deck reguration RECORD/PLAY
12	N/H	O	Deck reguration NORMAL/HIGH
13	NR	O	Deck reguration NOISE REDUCTION
14	ASEL	O	Deck reguration A SELECT
15	BSEL	O	Deck reguration B SELECT
16	RMUTE	O	Deck reguration REC MUTE
17	LMUTE	O	Deck reguration LINE MUTE
18	N.C	I	
19	N.C	I	
20	CLOSESW	I	Mechanism close switch
21	OPENSW	I	Mechanism open switch
22	N.C	I	Mechanism stop switch
23	N.C	I	Mechanism position switch
24	Vss		GND
25	SLTSW	I	Mechanism start limit switch
26	N.C	O	
27	CLOSEM	O	Close motor forward
28	OPENM	O	Open motor rewind
29	N.C	O	
30	N.C	O	
31	N.C	O	
32	DCOFF	O	DC servo ON/OFF control
33	N.C	O	
34	N.C	O	
35	RESET		Reset
36	UD202SW	I	UD202/UD302 choice H : UD202 L : UD302
37	SREQ	I	Microprocessor communications SREQ
38	SRDY	I	Microprocessor communications SRDY
39	BLKCK	I	Q Data synchronization clock
40	Vdd		+5V

CIRCUIT DESCRIPTION

Pin No.	Name	I/O	Description
41	X2	O	Clock(8.38MHz)
42	X1	I	Clock
43	IC		GND
44	XT2		No use
45	DSP. DISC SW	I	Connect Vss H : DISC display
46	AVss		A/D GND
47	N.C	O	
48	N.C	O	
49	RESY	I	Spindle servo lock signal
50	CRC	I	Q data CRC check signal
51	TLOCK	I	Tracking lock signal
52	FLOCK	I	Focus lock signal
53	STAT	I	Signal processing IC status signal
54	SENSE	I	Signal processing IC sensing signal
55	AVdd		A/D power supply
56	AVref		A/D reference
57	RXDT	I	Microprocessor communications reception data
58	TXDT	O	Microprocessor communications transmission data
59	TRCLK	O	Microprocessor communications clock
60	MREQ	O	Microprocessor communications MREQ
61	N.C	O	
62	SUBQ	I	Q data
63	N.C	O	
64	SQCK	O	Q data clock

3. Test mode

1. CD test mode input method
   While depressing the CD key, plug the power cord into an AC power outlet.

2. Operations after entering test mode
   - When test mode is entered
     a. The tray opens
   - When the CD(PLAY) key is pressed while the tray is open
     a. The tray closes
     b. Tracks N01, 2, 32 play
     c. STOP

3. How to clear test mode
   - Turn off the power.
   - Press the tray open/close key.

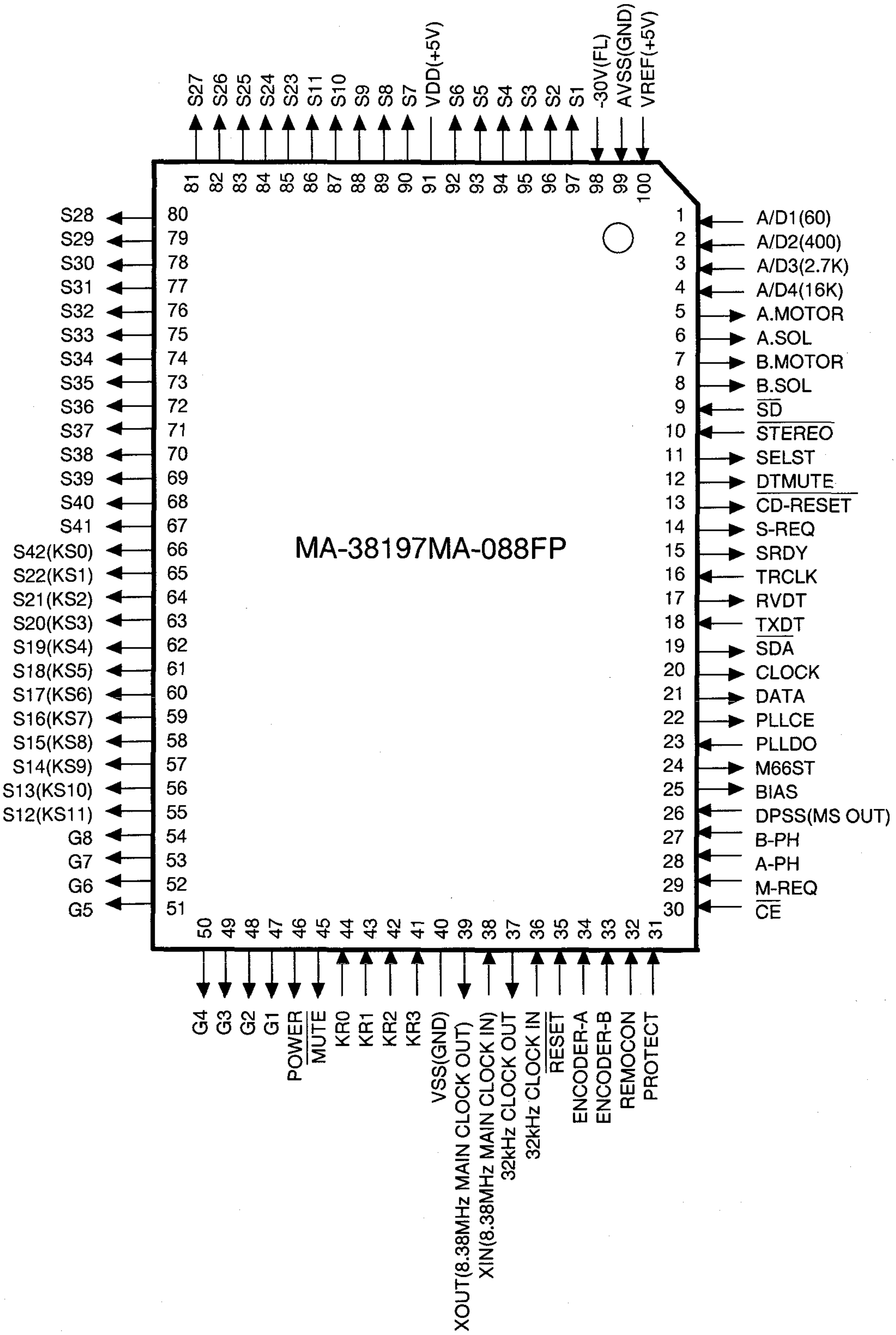
4. Description of keys

No	Key	Operation	Display
1	STOP	STOP operation Displays the automatic adjustment results The value of the F/T balance adjustment (in 256 increments) is converted to 1–9. NG : 1,9 The F/T gain is a multiple NG : F ≦2, or ≧11 NG : T 0 or ≧7	Changes T NO :01→ T NO:00 Time display section 8 8 : 8 8 F T F T Balance Gain In NG, blinks
2	CD►	PLAY operation PLAY tracks No,1, 2, 32	TNO : 05
3	REPEAT	Tracking off Sled off	TNO : 03
4	FF	PLAY track No.32	TNO : 02

CIRCUIT DESCRIPTION

Receiver/Deck Microprocessor : M38197MA-088FP(X25 : IC1)

1. Pin connection diagram


S27
S26
S25
S24
S23
S11
S10
S9
S8
S7
VDD(+5V)
S6
S5
S4
S3
S2
S1
-30V(FL)
AVSS(GND)
VREF(+5V)
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
S28 80
S29 79
S30 78
S31 77
S32 76
S33 75
S34 74
S35 73
S36 72
S37 71
S38 70
S39 69
S40 68
S41 67
S42(KS0) 66
S22(KS1) 65
S21(KS2) 64
S20(KS3) 63
S19(KS4) 62
S18(KS5) 61
S17(KS6) 60
S16(KS7) 59
S15(KS8) 58
S14(KS9) 57
S13(KS10) 56
S12(KS11) 55
G8 54
G7 53
G6 52
G5 51
MA-38197MA-088FP
1 A/D1(60)
2 A/D2(400)
3 A/D3(2.7K)
4 A/D4(16K)
5 A.MOTOR
6 A.SOL
7 B.MOTOR
8 B.SOL
9 SD
10 STEREO
11 SELST
12 DTMUTE
13 CD-RESET
14 S-REQ
15 SRDY
16 TRCLK
17 RVDT
18 TXDT
19 SDA
20 CLOCK
21 DATA
22 PLLCE
23 PLLDO
24 M66ST
25 BIAS
26 DPSS(MS OUT)
27 B-PH
28 A-PH
29 M-REQ
30 CE
50
49
48
47
46
45
44
43
42
41
40
39
38
37
36
35
34
33
32
31
G4
G3
G2
G1
POWER
MUTE
KR0
KR1
KR2
KR3
VSS(GND)
XOUT(8.38MHz MAIN CLOCK OUT)
XIN(8.38MHz MAIN CLOCK IN)
32kHz CLOCK OUT
32kHz CLOCK IN
RESET
ENCODER-A
ENCODER-B
REMOCON
PROTECT

CIRCUIT DESCRIPTION

2. Key Matrix

	KEY RETURN 0 (44)	KEY RETURN 1 (43)	KEY RETURN 2 (42)	KEY RETURN 3 (41)
KS0(66)	POWER ON/STANDBY	—	DEMO	—
KS1(65)		REC/ARM	HIGH	NORMAL
KS2(64)	A/B	DIRECTION	DOLBY NR	ONE TOUCH EDIT
KS3(63)	PACK(A)	CrO2(A)	PLAY(A)	F • REC • INH
KS4(62)	DSW 0	DSW 1	DSW 2	—
KS5(61)	—	—	—	CD • REPEAT
KS6(60)	DISC • SKIP	OPEN/CLOSE	LONG • PLAY	—
KS7(59)	PACK(B)	CrO2(B)	PLAY(B)	R • REC • INH
KS8(58)	PRESENCE	EQUALIZER	ENTER	ACTIVE N.B
KS9(57)		■	◀◀	▶▶
KS10(56)	AUX	TAPE	TUNER	CD
KS11(55)	TEST	—	—	—

( ) is Pin No.

3. Pin description

Pin No.	Name	I/O	Description
1	A/D1(60Hz)	I	Spectrum analyzer 60 Hz analog input
2	A/D2(400Hz)	I	Spectrum analyzer 400 Hz analog input
3	A/D(2.7kHz)	I	Spectrum analyzer 2.7 kHz analog input
4	A/D4(16kHz)	I	Spectrum analyzer 16kHz analog input
5	A.MOTOR	O	A deck capstan motor regulation H: ON
6	A.SOL	O	A deck solenoid regulation H: ON
7	B.MOTOR	O	B deck capstan motor regulation H: ON
8	B.SOL	O	B deck solenoid regulation H: ON
9	$\overline{\text{SD}}$	I	Tuner SD input L: Tuned H: Not tuned
10	$\overline{\text{STEREO}}$	I	Tuner stereo input L: Stereo H: Mono
11	SELST	O	Selector IC (TC9614N) strobe output
12	DTMUTE	O	Selector IC (TC9614N) data mute
13	$\overline{\text{CD-RESET}}$	O	CD microprocessor reset signal output L: Reset
14	S-REQ	O	Slave transmission request signal output H: Request (For receiver↔microprocessor communications)
15	SRDY	O	Transmission signal possible signal output (For receiver↔microprocessor communications)
16	TRCLK	I	Communications clock input (For receiver↔ microprocessor communications)
17	RVDT	O	Slave serial data output (For receiver↔ microprocessor communications)
18	TXDT	I	Master serial data input (For receiver↔ microprocessor communications)
19	$\overline{\text{SDA}}$	O	Surround IC (μPC1853) DATA output
20	CLOCK	O	Surround IC (μPC1853), Expander IC (M66310FP), PLL IC (LC7218), Selector IC (TC9164N) Clock output (common-use)

CIRCUIT DESCRIPTION

Pin No.	Name	I/O	Description
21	DATA	O	Expander IC (M66310FP), PLL IC (LC7218), Selector IC (TC9164N) DATA output (common-use)
22	PLLCE	O	PLL IC (LC7218) CE output H: Enable L: Disable
23	PLLDO	I	PLL IC (LC7218) IF COUNT input
24	M66ST	O	Expander IC (M66310FP)strobe output
25	BIAS	O	Bias oscillation regulation H: Oscillation
26	DPSS(MS OUT)	I	DPSS (search) sensitivity input L: Detect between tracks H: Detect presence of tracks
27	B-PH	I	B deck photo sensor input
28	A-PH	I	A deck photo sensor input
29	M-REQ	I	Master transmission request signal output H: Request (For receiver ↔ microprocessor communications)
30	$\overline{\text{CE}}$	O	Backup detection L: Backup H: Normal
31	PROTECT	I	Protection detection H: Protect ON L: Normal
32	REMOCON	I	Remote controller input
33	ENCODER B	I	Rotary encoder input B
34	ENCODER A	I	Rotary encoder input A
35	$\overline{\text{RESET}}$	I	Reset signal input L: Reset
36	XCIN	I	Clock-use clock signal input 32kHz quartz crystal connected
37	XCOUT	O	Clock-use clock signal output 32kHz quartz crystal connected
38	XIN	I	Main clock input 8.38 MHz ceramic oscillator connected
39	XOUT	O	Main clock output 8.38 MHz ceramic oscillator connected
40	Vss		GND connector Connect to GND
41	KR3	I	Key return signal input 3
42	KR2	I	Key return signal input 2
43	KR1	I	Key return signal input 1
44	KR0	I	Key return signal input 0
45	$\overline{\text{MUTE}}$	O	Mute regulation L: Mute ON H: Mute OFF
46	POWER	O	Power regulation H: Power ON L: Power OFF
47	G1	O	FL G1 grid drive connector
48	G2	O	FL G2 grid drive connector
49	G3	O	FL G3 grid drive connector
50	G4	O	FL G4 grid drive connector
51	G5	O	FL G5 grid drive connector
52	G6	O	FL G6 grid drive connector
53	G7	O	FL G7 grid drive connector
54	G8	O	FL G8 grid drive connector
55	S12	O	FL S12 segment drive connector and key scan signal output 11
56	S13	O	FL S13 segment drive connector and key scan signal output 10
57	S14	O	FL S14 segment drive connector and key scan signal output 9
58	S15	O	FL S15 segment drive connector and key scan signal output 8
59	S16	O	FL S16 segment drive connector and key scan signal output 7 (B deck common)
60	S17	O	FL S17 segment drive connector and key scan signal output 6
61	S18	O	FL S18 segment drive connector and key scan signal output 5
62	S19	O	FL S19 segment drive connector and key scan signal output 4 (Tuner dispatch)
63	S20	O	FL S20 segment drive connector and key scan signal output 3 (A deck common)

CIRCUIT DESCRIPTION

Pin No.	Name	I/O	Description
64	S21	O	FL S21 segment drive connector and key scan signal output 2
65	S22	O	FL S22 segment drive connector and key scan signal output 1
66	S42	O	FL S42 segment drive connector and key scan signal output 0
67	S41	O	FL S41 segment drive connector
68	S40	O	FL S40 segment drive connector
69	S39	O	FL S39 segment drive connector
70	S38	O	FL S38 segment drive connector
71	S37	O	FL S37 segment drive connector
72	S36	O	FL S36 segment drive connector
73	S35	O	FL S35 segment drive connector
74	S34	O	FL S34 segment drive connector
75	S33	O	FL S33 segment drive connector
76	S32	O	FL S32 segment drive connector
77	S31	O	FL S31 segment drive connector
78	S30	O	FL S30 segment drive connector
79	S29	O	FL S29 segment drive connector
80	S28	O	FL S28 segment drive connector
81	S27	O	FL S27 segment drive connector
82	S26	O	FL S26 segment drive connector
83	S25	O	FL S25 segment drive connector
84	S24	O	FL S24 segment drive connector
85	S23	O	FL S23 segment drive connector
86	S11	O	FL S11 segment drive connector
87	S10	O	FL S10 segment drive connector
88	S9	O	FL S9 segment drive connector
89	S8	O	FL S8 segment drive connector
90	S7	O	FL S7 segment drive connector
91	VDD		Power supply input (+5V)
92	S6	O	FL S6 segment drive connector
93	S5	O	FL S5 segment drive connector
94	S4	O	FL S4 segment drive connector
95	S3	O	FL S3 segment drive connector
96	S2	O	FL S2 segment drive connector
97	S1	O	FL S1 segment drive connector
98	VEE	I	Pull-down power supply input (for FL) Connected to -30V
99	AVss	I	Analog power supply input Connected to GND
100	VREF	I	A/D converter reference voltage input Connected to +5V

CIRCUIT DESCRIPTION

4. Conditions by Description

Destination Type	Diode switches(DSW)			Band	Receiving frequency range	Interchannel space	Intermediate frequency	PLL reference frequency	PLL(X29 : IC2 LA7218) output port						
	DSW2 D43	DSW1 D40	DSW0 D39						⑨	⑩	⑪	⑫	⑬	⑭	⑮
K1(1700)	0	0	0	FM	87.5~108.0MHz	100kHz	+10.7MHz	25kHz	m	i	H	L	H	H	H
				AM	530~1700kHz	10kHz	+450kHz	10kHz	m	i	H	H	L	H	H
K2(1610)	0	0	1	FM	87.5~108.0MHz	100kHz	+10.7kHz	25kHz	m	i	H	L	H	H	H
				AM	530~1610kHz	10kHz	+450kHz	10kHz	m	i	H	H	L	H	H
E1	0	1	1	FM	87.5~108.0kHz	50kHz	+10.7kHz	25kHz	m	i	H	L	H	H	H
				AM	531~1602kHz	9kHz	+450kHz	9kHz	m	i	H	H	L	H	H
E2(LW)	1	0	0	FM	87.5~108.0MHz	50kHz	+10.7MHz	25kHz	m	i	H	L	H	H	H
				MW	531~1602kHz	9kHz	+450kHz	9kHz	m	i	H	H	L	H	H
				LW	153~279kHz	9kHz	+450kHz	9kHz	m	i	H	H	H	L	H
M	0	X	1	**Change K2/E1 by setting "DSW1" only. (DSW1= 0:K2 Type ; 1:E1 Type)**											

* Diode switch(DSWx) :
0=Without diode(in the case of static, LOW input)
1=With diode(in the case of static, HIGH input)
X=Transistor switch(0=OFF/ 1=ON)

* Here the PLL reference frequency is the value set in PLL, the AM division ratio becomes the same as the PLL reference frequency, but the FM division ratio is twice the PLL frequency.

* When the diode switch destination is different from this chart, it becomes the K1 destination.

PLL port

m=	H: AUTO STEREO	i=	H : IF SIGNAL ON
	L: MONO		L : IF SIGNAL OFF

5. Initialization(Reset)

Insert the AC plug into the outlet while holding down the ENTER key of main unit.

Initial stage

	State	
SYSTEM	POWER	OFF
CLOCK PROG.	CLOCK	STOP(AM0:00)
	PROG. Operation MODE	OFF
	PROG.1 : ON=AM0:00	OFF=AM0:00
	MOD=PLAY	SOC=TUNER(1ch)
	PROG.2 : ON=AM0:00	OFF=AM0:00
	MOD=PLAY	SOC=TUNER(1ch)
AMP	VOLUME	7SEG=7(µPC1853 VOLdata=10)
	SELECTOR	TUNER
	EQ.	OFF
	PRESENCE	OFF
	LONG PLAY	OFF
	ACTIVE N.B.	OFF
	MUTING	OFF
TUNER	BAND	FM
	Each last BAND	
	FM : P.ch= - - ch	FREQ=min(76.0 or 87.5MHz)
	AM(MW) : P.ch= - - ch	FREQ=min(530 or 531kHz)
	LW : P.ch= - - ch	FREQ=min(153kHz)
	P.CH Memory 1ch~20ch :	Test frequency (Refer to Test Frequency)
	Tuning MODE	AUTO (AUTO STEREO)
TAPE	A/B Selector	B
	A Deck Head position	For FWD
	B Deck Head position	For FWD
	DOLBY NR	OFF
	DIRECTION	ENDLESS
CD	DISC Selector	DISC 1
	REPEAT	OFF

6. Test Frequency(Maker's Memory Frequency)

Destination	K		E	
PRESET	WIDE BAND	NARROW BAND	With LW	Without LW
1	FM 98.0MHz	FM 98.0MHz	FM 98.0MHz	FM 98.0MHz
2	FM108.0MHz	FM108.0MHz	FM108.0MHz	FM108.0MHz
3	AM 630kHz	AM 630kHz	AM 630kHz	AM 630kHz
4	AM 990kHz	AM 990kHz	AM 990kHz	AM 990kHz
5	AM 1440kHz	AM 1440kHz	AM 1440kHz	AM 1440kHz
6	AM 1610kHz	AM 1610kHz	AM 1602kHz	AM 1602kHz
7	AM 1700kHz	FM 87.5MHz	LW 162kHz	FM 87.5MHz
8	FM 87.5MHz	FM 87.5MHz	LW 216kHz	FM 87.5MHz
9	FM 87.5MHz	FM 87.5MHz	LW 270kHz	FM 87.5MHz
10	FM 89.1MHz	FM 89.1MHz	FM 89.1MHz	FM 89.1MHz
11	FM 87.5MHz	FM 87.5MHz	LW 279kHz	FM 87.5MHz
12	FM 90.0MHz	FM 90.0MHz	FM 90.0MHz	FM 90.0MHz
13	FM106.0MHz	FM106.0MHz	FM106.0MHz	FM106.0MHz
14	AM 530kHz	AM 530kHz	MW 531kHz	AM 531kHz
15	FM 87.5MHz	FM 87.5MHz	LW 153kHz	FM 87.5MHz
16	FM 97.5MHz	FM 97.5MHz	FM 97.5MHz	FM 97.5MHz
17	FM 98.5MHz	FM 98.5MHz	FM 98.5MHz	FM 98.5MHz
18	FM 87.5MHz	FM 87.5MHz	FM 87.5MHz	FM 87.5MHz
19	FM 87.5MHz	FM 87.5MHz	FM 87.5MHz	FM 87.5MHz
20	FM 87.5MHz	FM 87.5MHz	FM 87.5MHz	FM 87.5MHz

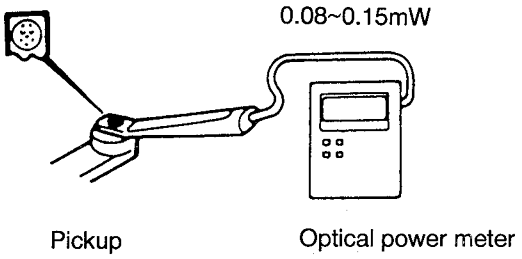
ADJUSTMENT

CD section

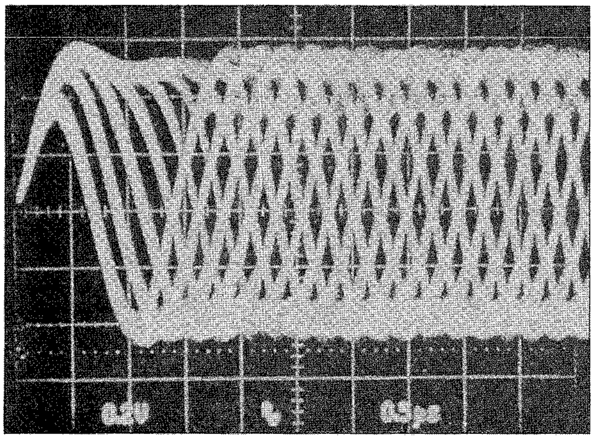
No.	ITEM	INPUT SETTING	OUTPUT SETTING	PLAYER SETTING	ALIGNMENT POINTS	ALIGN FOR	FIG.
Remove the clamper ass'y before step 1. And remount it after step 1.							
1	LASER POWER	—	Set the sensor section of the optical power meter on the pickup lens.	With pressing the P.MODE key, turn the power on to enter the test mode. Press the "CHECK" key to check that the display is"03".	—	On the power from 0.08 to 0.15mW, when the diffraction grating is correctly aligned with the RF level of 1.0Vp-p or more.	(a)
Cancel test mode and open the tray to load the disc.							
2	FOCUS ERROR	Test disc Type 4	Connect an oscilloscope as follows. CN207 Connect hot side to RF(No.①) Connect Ground to VREF(No.②)	Press the PLAY key.	FE BALANCE VR201	Adjust the waveform to better point.	(b)

(Note) Type 4 disc : SONY YDS-18 Test Disc or equivalent.

(a) Laser power



(b)



- RF signal in test mode(PLAY).
- Perform the tangential and focusing offset adjustment so that each of the center cross points are focused into one point on the display.
  The crossing points above and below the center shall also be displayed clearly.

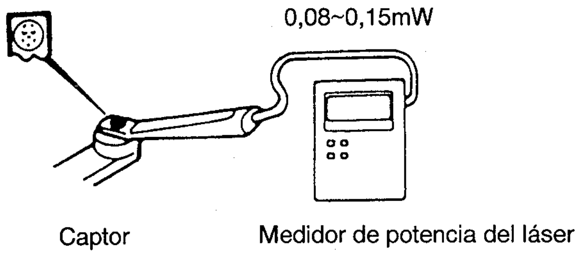
AJUSTES

CD sección

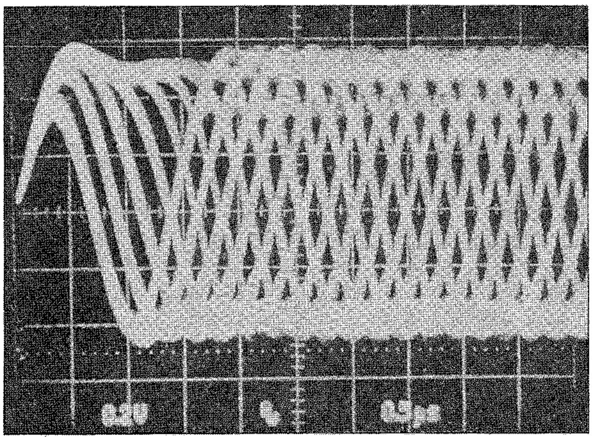
No	ÍTEM	AJUSTES DE ENTRADA	AJUSTES DE SALIDA	AJUSTES DEL SINTONIZADOR	PUNTOS DE CALIBRACIÓN	CALIBRA R EN	FIG.
Quite la brazadera antes del paso 1 y vuelva a montarla después del 1.							
1	POTENCIA DEL LÁSER	—	Coloque la sección del sensor del medidor de potencia óptica en la lente del captor.	Active la alimentación eléctrica al tiempo que oprime la tecla P.MODE para acceder a la modalidad de prueba. Oprima la tecla "CHECK" para comprobar que la indicación es "03".	—	A una potencia de 0,08 a 0,15mV, la rejilla de difracción debe ester correctamente alineada, con un nivel de RF de 1,0Vp-p o más.	(a)
Cancelar la modalidad de prueba y abrir la bandeja para cargar el disco.							
2	ERROR DE ENFOQUE	Probar el disco tipo 4.	Conectar un osciloscopio como sigue.CN207 Conectar RD(No①) al lado con corriente Conectar VREF(No④) a masa.	Oprimir la tecla PLAY.	EQILIBRIO FE VR201	Ajustar al punto donde la forma de onda es óptima.	(b)

(Nota) : Disco tipo 4 : Disco de prueba SONY YDS-18 o equivalente.

(a) Potencia del láser



(b)



- Sefial RD en modo de prueba(reproducción).
- Realizar los ajustes de desviación tangencial y de enfoque de manera que cada una de las crucetas centrals se enfoquen en punto de la pantalla.
  Las crucetas que están encima debajo del centro deben también indicarse con claridad.

ADJUSTMENT

Cassette Deck section

No.	ITEM	INPUT SETTING	OUTPUT SETTING	DECK SETTING	ALIGNMENT POINTS	ALIGN FOR	FIG.
Unless otherwise specifilied, set the respective switches as follows: TAPE : NORMAL DOLBY : OFF INPUT : AUX I. Cassette mechanism section(Recording/ play head adjustment)							
1	Degaussing and cleanling	—	—	Power : off, Degaussing, cleaning, PLAY	Recording heads, Erase heads, Capstans, Pinch rollers	Degauss the recording/play heads by a heads eraser. Clean the recording/play heads, erase heads capstans and pinch rollers by a cotton swab soaked with alcohol.	
2	Recording/play head azimuth	SCC-1727, TCC-153, MTT-144, 10kHz, -10dBs	(B)	PLAY	Azimuth adjustment screw	Maximize the output and adjust so that the Lissajous figure nears a line slanted 45°	
II. Printed circuit board adjustment Note : First perform the double-speed adjustment.							
1	Tape speed (double)	SCC-1727, TCC-110, MTT-144, 3kHz,	(B)	After normal play, always short the base side of Q7 to GND to set to high speed.	A DECK : VR7 B DECK : VR1	Adjust so that the frequency is 6 kHz at the tape center.	
2	Tape speed (normal)	SCC-1727, TCC-110, MTT-111, 3kHz,	(B)		A DECK : VR8 B DECK : VR2	Adjust so that the frequency is 3 kHz at the tape center.	
III. Printed circuit board adjustment(X28-2620-00)							
1	Play back level	MTT-150 400Hz	(B)	PLAY	A DECK : VR9(L) VR10(R) B DECK : VR3(L) VR4(R)	Set pins No.1(L ch) and No.4(R ch) of CN401 to -0.5dBs. Or, set pins No.8(L ch) and No.49(R ch) of IC 401 to 775mV.	
2	Bias current		(B)		B DECK : VR5(L) VR6(R)	Record 1kHz and 10kHz reciprocally, and adjust so that they are identical in playback level.	
3	Bias oscillating frequency	Load the non recorded tapes on Deck A and B.	Connect the frequency counter between E.H(+) & GND on Deck B.	REC	B DECK: L3	After confirming BEAT CANCEL OFF, adjust so that the frequency counter shows 105kHz.	

AJUSTES

Cassette Deck seccíon

Orden	Ítem	Ajuste de entrada	Ajuste de salida	Ajuste de la platina	Puntos de ajuste	MÈtodo de ajuste	Fig.
A menos que se indique lo contrario, ajustar los interruptores respectivos de la manera siguiente: TAPE: NORMAL DOLBY: OFF INPUT: AUX I. Sección del mecanismo de la cassette (ajuste de la cabeza de grabación/reproducción)							
1	Desmagneti-zación y limpieza	—	—	Alimentación: apagado, desmagnetización, limpieza, reproducción	Cabezas de grabación, cabezas de borrado, ejes de arrastre, rodillos presores	Desmagnetizar las cabezas de grabación/reproducción con un borrador de cabezas. Limpiar las cabezas de grabación/ reproducción, cabezas de borrado, ejes de arrastre y rodillos presores con un bastoncillo de algodón humedecido en alcohol.	
2	Acimut de la cabeza de grabación/ reproducción	SCC-1727, TCC-153, MTT-144, 10kHz, -10dBs	(B)	REPRODUCCIÓN (PLAY)	Tornillo de ajuste del acimut	Maximizar la salida y ajustar de manera que la forma de Lissajous se aproxime a una lÌnea inclinada 45˚	
II. Ajuste de la tarjeta de circuito impreso Nota: Efectuar primero el ajuste de la velocidad doble.							
1	Velocidad de la cinta (doble)	SCC-1727, TCC-110, MTT-144, 3kHz	(B)	DespuÈs de la reproducción normal, cortocircuitar siempre la base de Q7 con masa (GND) para ajustarlo en alta velocidad.	PLATINA A: VR7 PLATINA B: VR1	Ajustar de manera que la frecuencia sea de 6 kHz en el centro de la cinta.	
2	Velocidad de la cinta (normal)	SCC-1727, TCC-110, MTT-111, 3kHz	(B)		PLATINA A: VR8 PLATINA B: VR2	Ajustar de manera que la frecuencia sea de 3 kHz en el centro de la cinta.	
III. Ajuste de la tarjeta de circuito impreso (X28-2620-00)							
1	Nivel de reproducción	MTT-150 400Hz	(B)	REPRODUCCI"N (PLAY)	PLATINA A: VR9 (IZQ.) VR10 (DCH.) PLATINA B: VR3 (IZQ.) VR4 (DCH.)	Ajustar los contactos nº1 (canal izq.) y nº 4 (canal dch.) de CN401 en -0,5 dBs. O ajustar los contactos nº 8 (canal izq.) y nº 49 (canal dch.) de IC401 en 775 mV.	
2	Corriente de polarización		(B)		PLATINA B: VR5 (IZQ.) VR6 (DCH.)	Grabar 1 Mhz y 10 kHz recÌprocamente, y ajustar de manera que sean idÈnticos en el nivel de reproducciÛn.	
3	FRECUENCIA DE OSCILACIÓN DE LA POLARIZACIÓN	Cargar las cintas sin grabar en las platinas A y B.	Conectar el contador de frecuencias entre E.H.(+) y masa de la platina B.	GRABACIÓN (REC)	PLATINA B: L3	Después de confirmar que la cancelación de batido (BEAT CANCEL) est· desactivada, ajustar de manera que el contador de frecuencias indique 105 kHz.	

ADJUSTMENT

TUNER section

M.X.R, I Type (X29-249X)

No.	ITEM	INPUT SETTING	OUTPUT SETTING	TUNER SETTING	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION		BAND : FM					
1	DISTORTION (STEREO)	(C) 98.0MHz 1kHz,±68.25 kHz dev Pilot : ±7.5kHz dev 60 dBμ(ANT input)	(B)	AUTO 98.0MHz	IFT (W02-)	Minimum distortion.	

E.T.G Type (X29-248X)

No.	ITEM	INPUT SETTING	OUTPUT SETTING	TUNER SETTING	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION		BAND : FM					
1	DISCRIMINATOR	(A) 98.0MHz 1kHz,±75 kHz dev 60 dBμ(ANT input)	Connect a DC voltmeter between TP3 and TP4. (X05-)	AUTO or MONO 98.0MHz	L3 (X05-)	0V	(c)
2	DISTORTION (STEREO)	(C) 98.0MHz 1kHz,±68.25 kHz dev Pilot : ±7.5kHz dev 60 dBμ(ANT input)	(B)	AUTO 98.0MHz	IFT (W02-)	Minimum distortion.	
3	SEPARATION	(C) 98.0MHz 1kHz,±40 kHz dev Pilot : ±6kHz dev Selector : L or R 60 dBμ(ANT input)	(B)	AUTO 98.0MHz	VR3 (X29-)	Minimum crosstalk.	
4	TUNING LEVEL	(C) 98.0MHz 1kHz,±75 kHz dev 14dBμ(ANT input) 75Ω 18dBμ(ANT input) 300Ω	(B)	AUTO or MONO 98.0MHz	VR1 (X29-)	Adjust VR1 and stop at the point where FL201(TUNED) goes ON.	
AM SECTION		BAND : AM(MW)					
1	TUNING LEVEL	(D) 1008MHz 400Hz, 30% mod 26 dBμ(ANT input)	(B)	1008 kHz	VR2 (X29-)	Adjust VR2 and stop at the point where FL201(TUNED) goes ON.	

AJUSTES

TUNER seccíon

Tipo M.X.R, I (X29-249X)

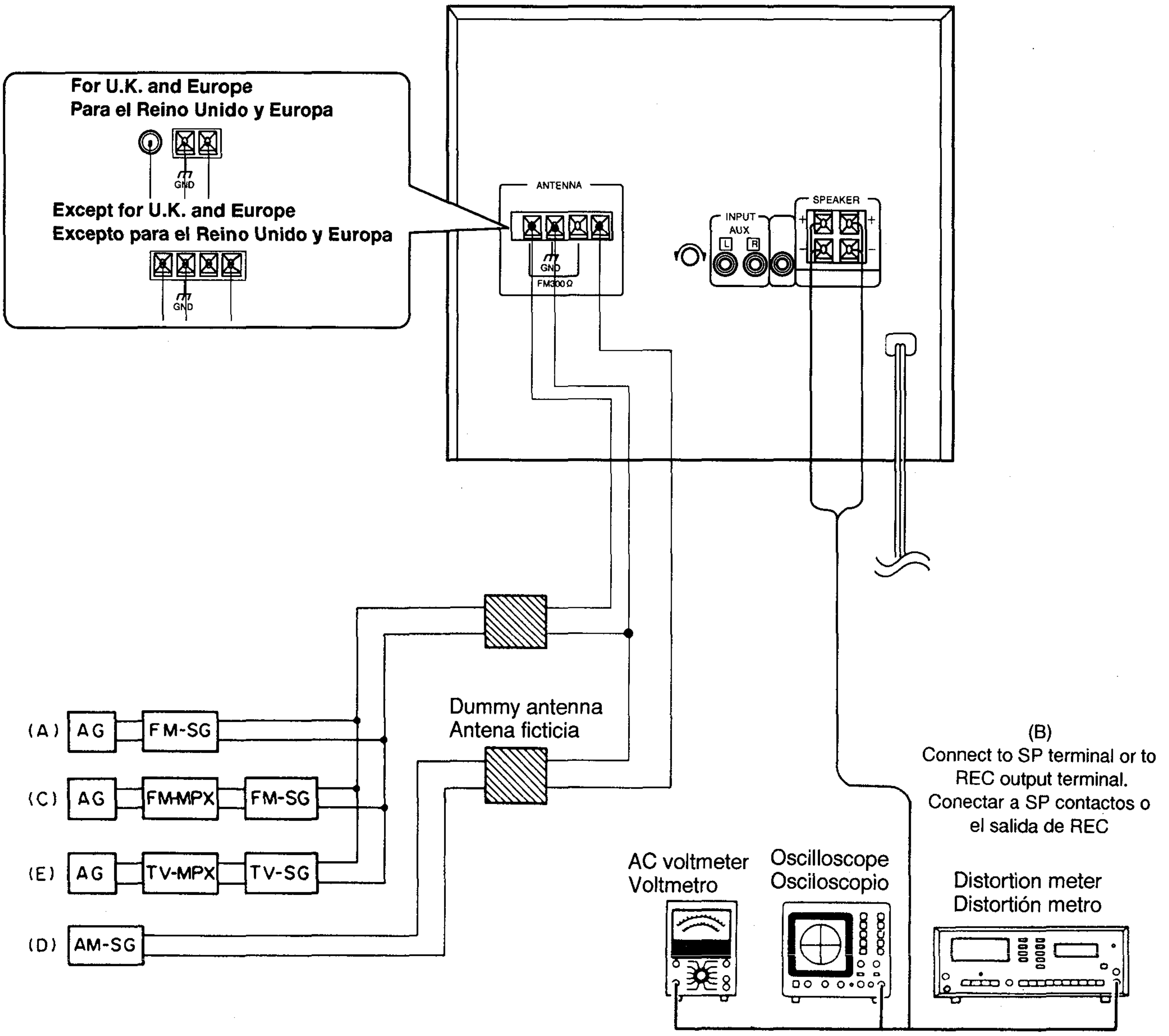
No	ITEM	AJUSTES DE ENTRADA	AJUSTES DE SALIDA	AJUSTES DEL SINTONIZADOR	PUNTOS DE CALIBRACIÓN	CALIBRA R EN	FIG.
SECCIÓN DE FM		BANDA: FM					
1	DISTORSIÓN (ESTÉREO)	(C) 98,0 MHz 1 kHz, ±68,25 kHz desv. Piloto: ±7,5 kHz desv. 60 dBμ (entrada ANT)	(B)	AUTO 98,0 Mhz	IFT (W02-)	Distorsión mínima	

Tipo E.T.G(X29-248X)

No	ÍTEM	AJUSTES DE ENTRADA	AJUSTES DE SALIDA	AJUSTES DEL SINTONIZADOR	PUNTOS DE CALIBRACIÓN	CALIBRA R EN	FIG.
FM SECTION		BAND : FM					
1	DISCRIMINADOR	(A) 98,0 MHz 1 kHz, ±75 kHz desv. 60 dBμ (entrada ANT)	*Conectar un voltìmetro* de CC entre TP3 y TP4. (X05-)	AUTO o MONO 98,0 MHz	L3 (X05-)	0V	(c)
2	DISTORSIÓN (ESTÉREO)	(C) 98,0 MHz 1 kHz, ±68,25 kHz desv. Piloto: ±7,5 kHz desv. 60 dBm (entrada ANT)	(B)	AUTO 98,0 MHz	IFT (W02-)	Distorsión mínima	
3	SEPARACIÓN	(C) 98,0 MHz 1 kHz, ±40 kHz desv. Piloto: ±6 kHz desv. Selector: L o R 60 dBm (entrada ANT)	(B)	AUTO 98,0 MHz	VR3 (X29-)	Diafonía mníima	
4	NIVEL DE SINTÓNA	(A) 98,0 MHz 1 kHz, ±75 kHz desv. 14 dBμ(entrada ANT) 75 Ω 14 dBm(entrada ANT) 300 Ω	(B)	AUTO o MONO 98,0 MHz	VR1 (X29-)	Ajustar VR1 y parar en el punto donde se activa FL201 (TUNED)	
SECCIÓN DE AM		BANDA: AM (OM)					
1	NIVEL DE SINTÓNA	(D) 1008 kHz 400 Hz, 30% mod. 26 dBμ (entrada ANT)	(B)	1008 kHz	VR2 (X29-)	Ajustar VR2 y parar en el punto donde se activa FL201 (TUNED)	

ADJUSTMENT

(c)

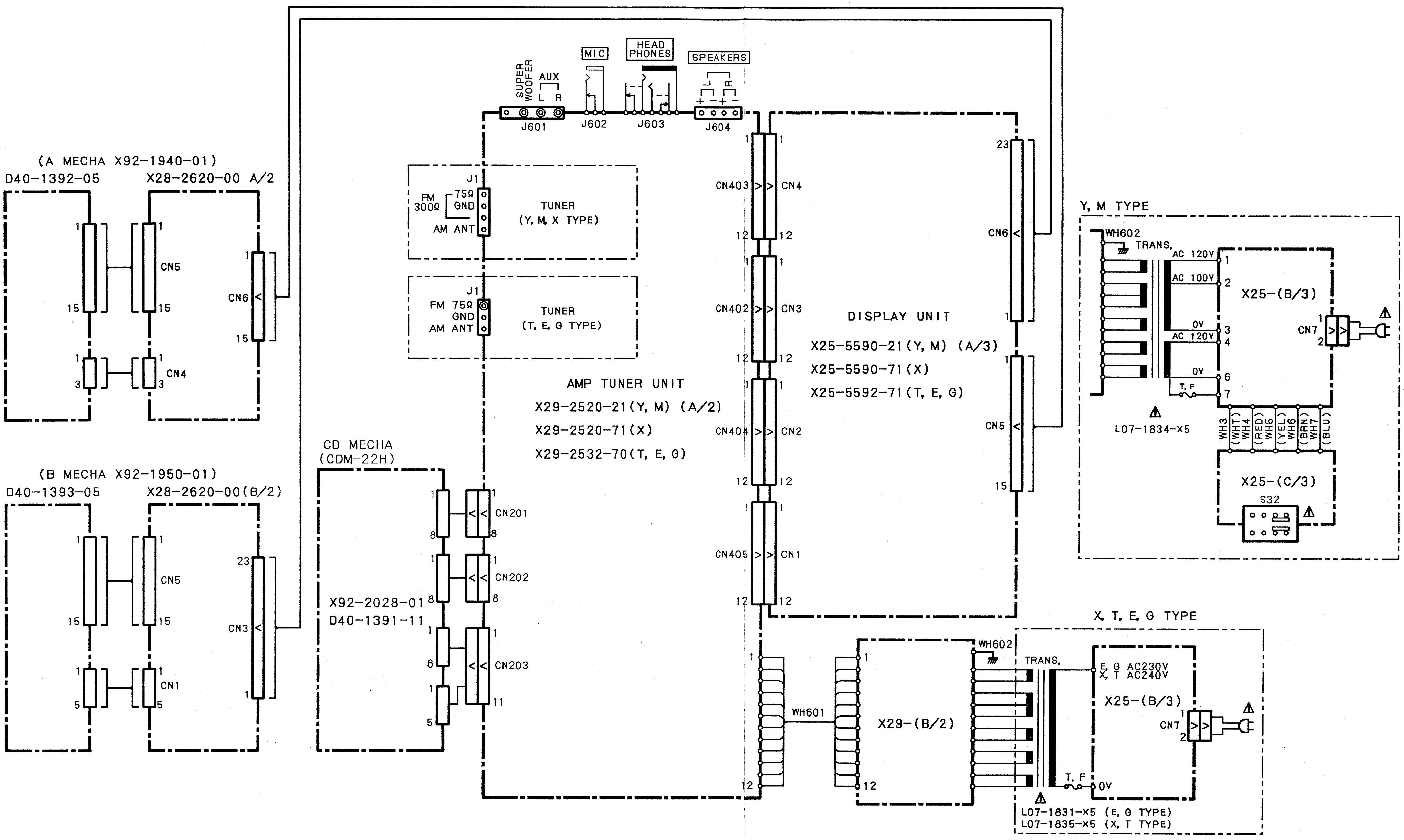

For U.K. and Europe
Para el Reino Unido y Europa
GND
Except for U.K. and Europe
Excepto para el Reino Unido y Europa
GND
ANTENNA
GND
FM300Ω
INPUT
AUX
L
R
SPEAKER
+
+
−
−
Dummy antenna
Antena ficticia
(A) AG
FM-SG
(C) AG
FM-MPX
FM-SG
(E) AG
TV-MPX
TV-SG
(D) AM-SG
(B)
Connect to SP terminal or to REC output terminal.
Conectar a SP contactos o el salida de REC
AC voltmeter
Voltmetro
Oscilloscope
Osciloscopio
Distortion meter
Distortión metro

REC output : for X29 L ch, connect CN401 pin 1 to GND;
for X29 R ch, connect CN401 pin 4 toGND.

Salida de REC : X29 canal izp., Conectar CN401 contactos nº 1 a masa.
X29 canal dch., Conectar CN401 contactos nº 4 a masa.

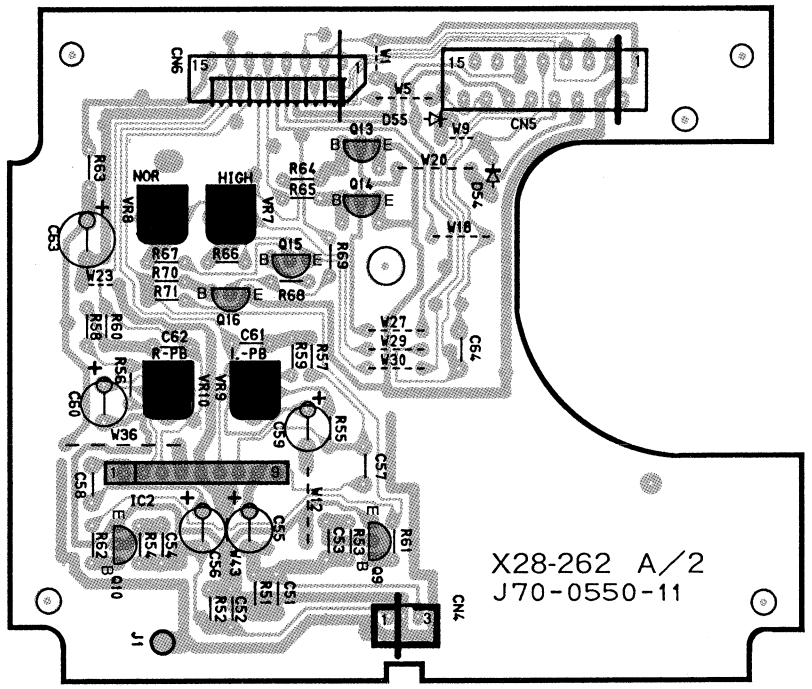
RXD-C2/L RXD-C2/L

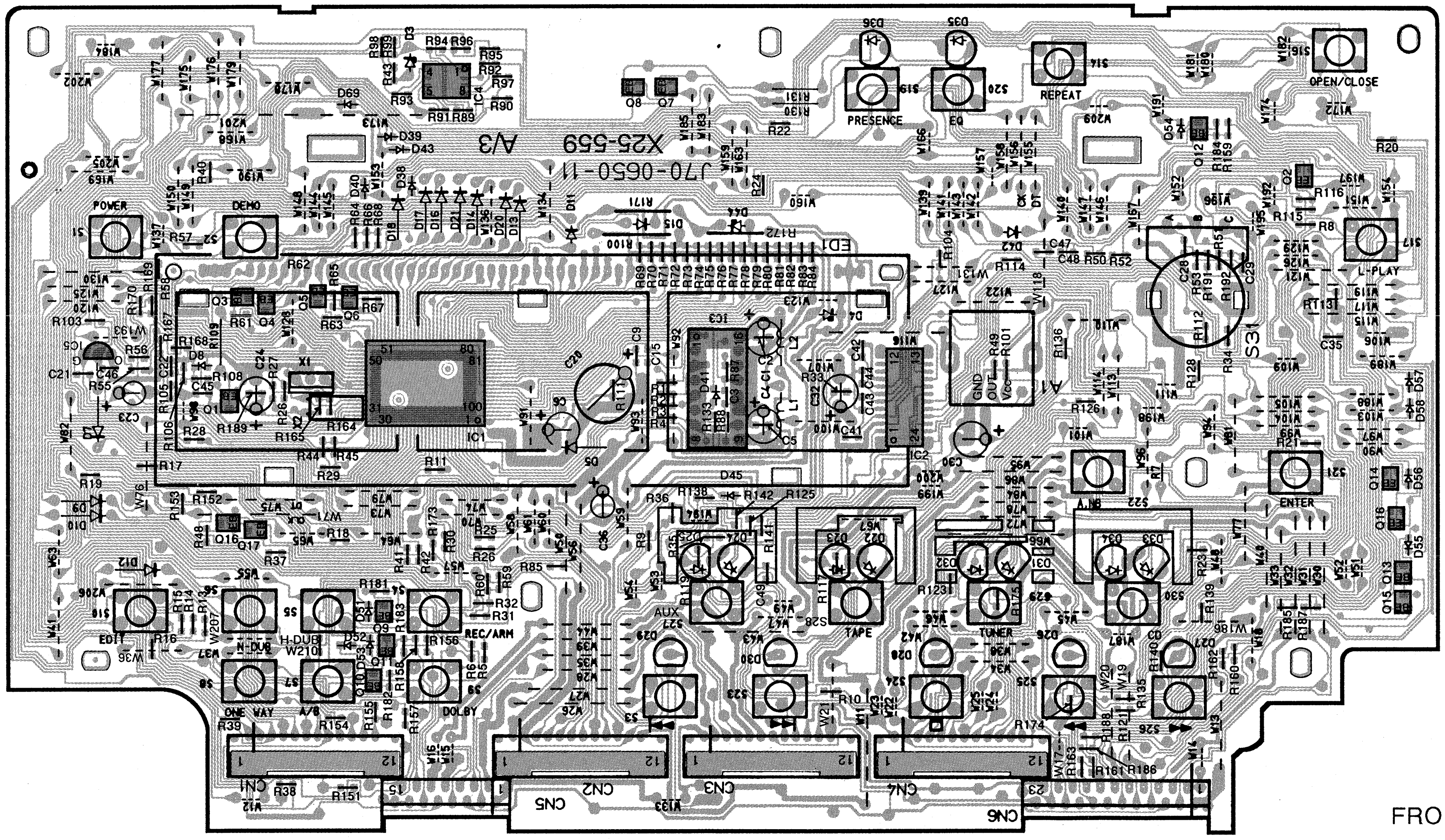
WIRING DIAGRAM

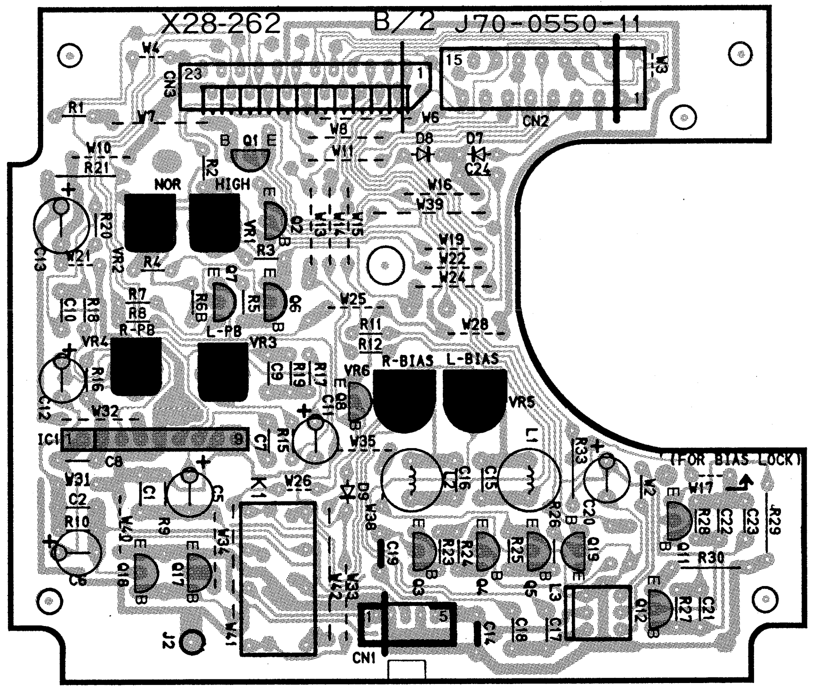

SUPER WOOFER
AUX
L R
J601
MIC
J602
HEAD PHONES
J603
SPEAKERS
L R
+ - + -
J604
(A MECHA X92-1940-01)
D40-1392-05
X28-2620-00 A/2
CN5
CN4
CN6
(B MECHA X92-1950-01)
D40-1393-05
X28-2620-00(B/2)
CN5
CN1
CN3
J1
FM 300Ω
75Ω
GND
AM ANT
TUNER
(Y, M, X TYPE)
J1
FM 75Ω
GND
AM ANT
TUNER
(T, E, G TYPE)
AMP TUNER UNIT
X29-2520-21(Y, M) (A/2)
X29-2520-71(X)
X29-2532-70(T, E, G)
CD MECHA
(CDM-22H)
X92-2028-01
D40-1391-11
CN201
CN202
CN203
CN403
CN4
CN402
CN3
CN404
CN2
CN405
CN1
CN6
CN5
DISPLAY UNIT
X25-5590-21(Y, M) (A/3)
X25-5590-71(X)
X25-5592-71(T, E, G)
Y, M TYPE
WH602
TRANS.
AC 120V
AC 100V
0V
AC 120V
0V
T. F
X25-(B/3)
CN7
L07-1834-X5
WH3 (WHT)
WH4 (RED)
WH5 (YEL)
WH6 (BRN)
WH7 (BLU)
X25-(C/3)
S32
WH601
X29-(B/2)
X, T, E, G TYPE
WH602
TRANS.
E, G AC230V
X, T AC240V
X25-(B/3)
CN7
T. F
0V
L07-1831-X5 (E, G TYPE)
L07-1835-X5 (X, T TYPE)

PC BOARD(Component side view)

DISPLAY UNIT(X25-559X-XX)
RECORD/PLAYBACK UNIT(X28-2620-00)


X28-262 A/2
J70-0550-11
CN6
CN5
CN4
NOR
HIGH
R-PB
L-PB
IC2


X25-559 A/3
J70-0650-11
POWER
DEMO
PRESENCE
EQ
REPEAT
OPEN/CLOSE
L-PLAY
ENTER
EDIT
N-DUB
H-DUB
REC/ARM
ONE WAY
A/B
DOLBY
AUX
TAPE
TUNER
CD
IC1
IC2
IC3
S31
CN1
CN2
CN3
CN4
CN5
CN6

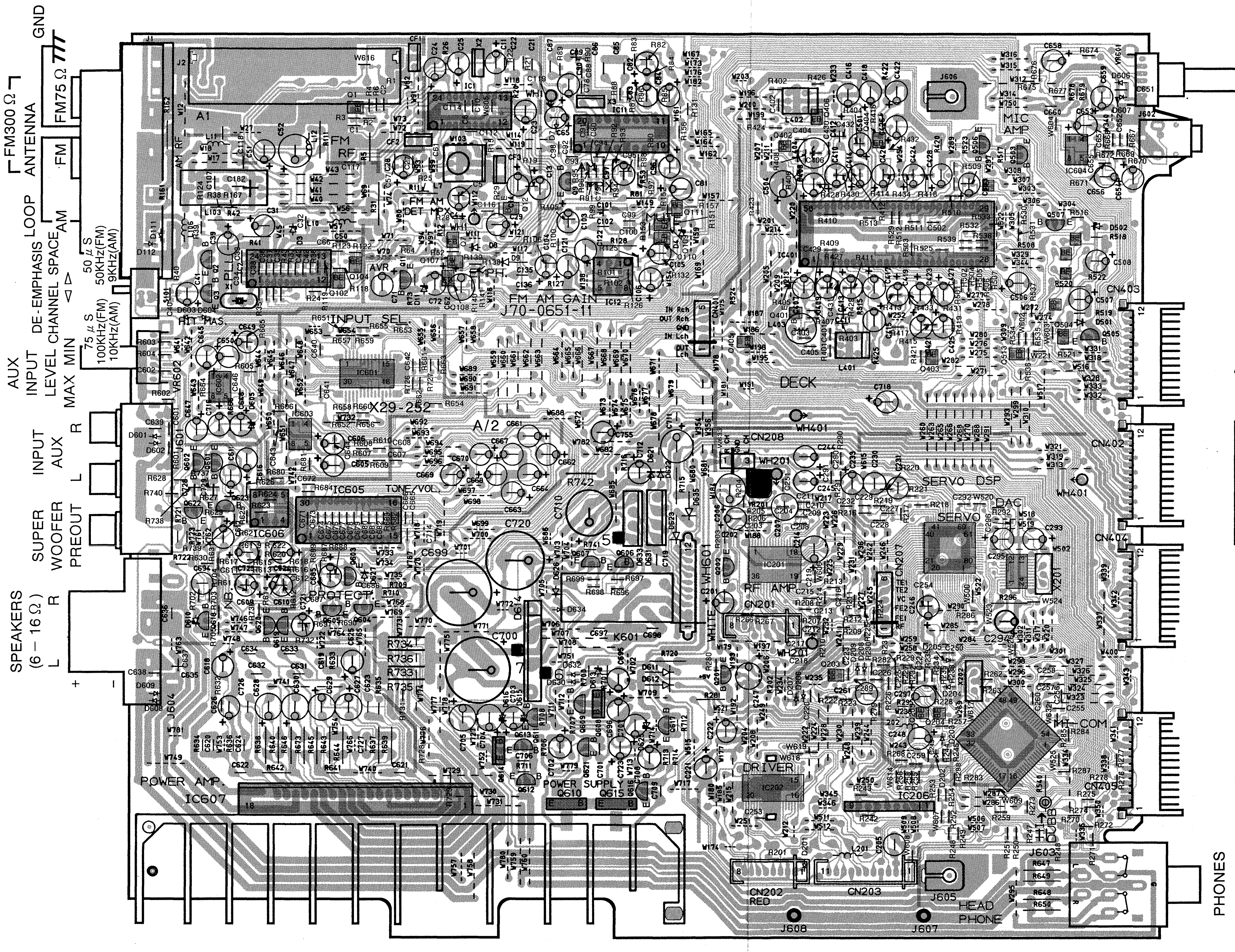

X28-262 B/2 J70-0550-11
CN3
CN2
CN1
NOR
HIGH
R-PB
L-PB
R-BIAS
L-BIAS
(FOR BIAS LOCK)
IC1
K1

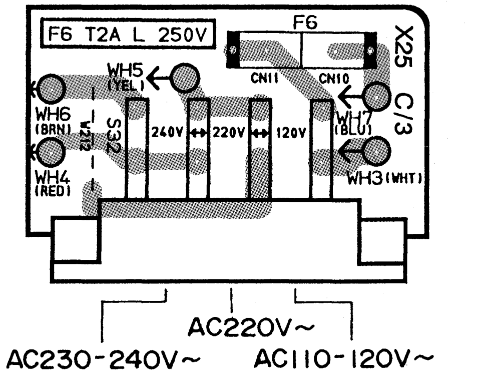
FRONT

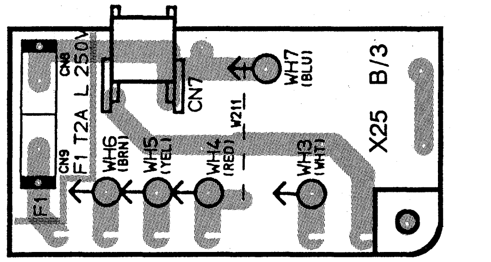
Refer to the schematic diagram for the values of resistors and capacitors.

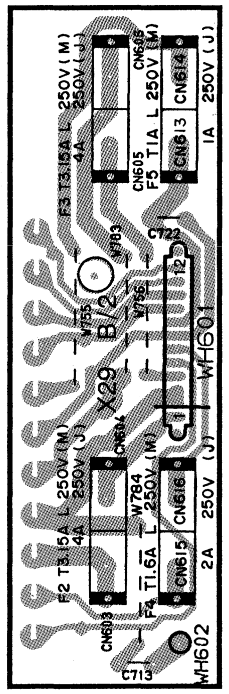
PC BOARD(Component side view)

MAIN UNIT-TUNER (X29-2520-XX) : Y, M, X TYPE


GND
FM300 Ω
FM75 Ω
ANTENNA
FM
LOOP
AM
DE-EMPHASIS
CHANNEL SPACE
50 μS
50KHz(FM)
9KHz(AM)
75 μS
100KHz(FM)
10KHz(AM)
AUX INPUT LEVEL
MAX MIN
INPUT AUX
R
L
SUPER WOOFER PREOUT
SPEAKERS (6 - 16 Ω)
R
L
+
-
FM RF
FM AM DET MPX
AM RF
PLL
AVR
EMPH
FM AM GAIN
J70-0651-11
INPUT SEL
X29-252
A/2
TONE/VOL
DECK
SERVO DSP
DAC
SERVO
RF AMP
DRIVER
POWER AMP
IC607
POWER SUPPLY
MIC AMP
μ-COM
CN402
CN403
CN404
CN405
CN202 RED
CN203
J605
J607
J608
HEAD PHONE
WHITE
WH601
MIC MIXING
PHONES


F6 T2A L 250V
F6
X25 C/3
WH5 (YEL)
WH6 (BRN)
WH4 (RED)
CN11
CN10
WH7 (BLU)
WH3 (WHT)
240V
220V
120V
AC220V~
AC230-240V~
AC110-120V~


F1 T2A L 250V
CN7
WH7 (BLU)
WH6 (BRN)
WH5 (YEL)
WH4 (RED)
WH3 (WHT)
X25 B/3

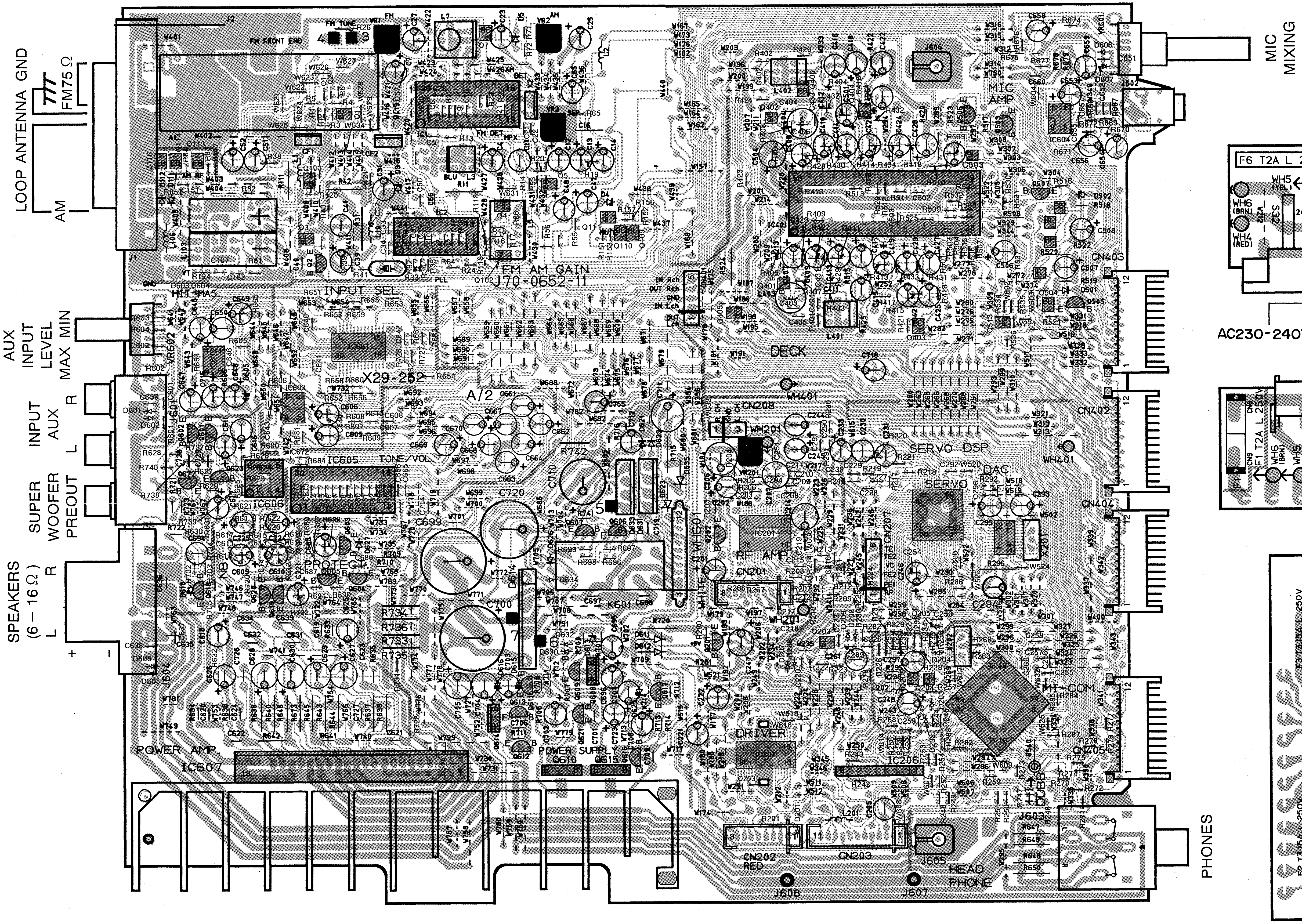

F3 T3.15A L 250V (M) 4A 250V (J)
CN606
CN605
F5 T1A L 250V (M) 1A 250V (J)
CN614
CN613
X29 B/2
WH601
F2 T3.15A L 250V (M) 4A 250V (J)
F4 T1.6A L 250V (M) 2A 250V (J)
CN616
CN615
WH602
C713

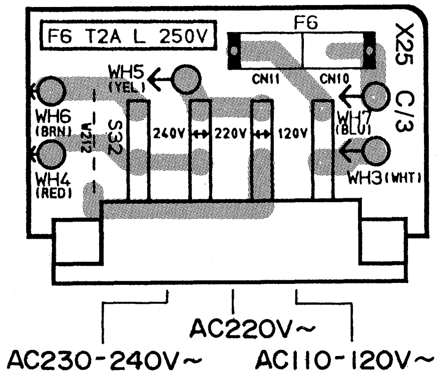
FRONT ⇨

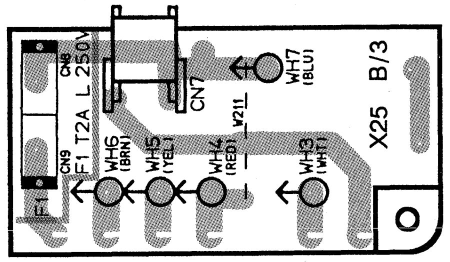
Refer to the schematic diagram for the values of resistors and capacitors.

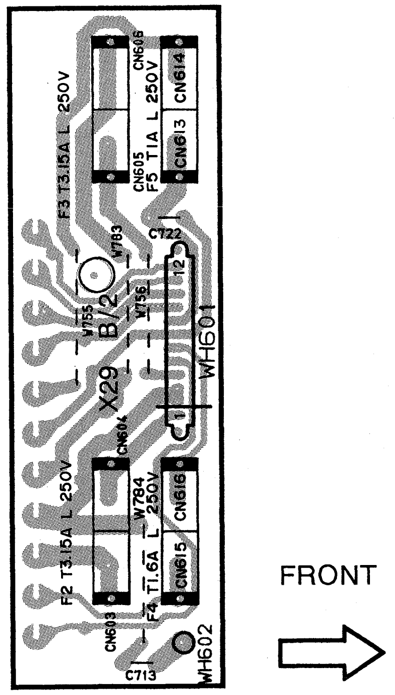
PC BOARD(Component side view)

MAIN UNIT- TUNER (X29-2532-70) : E, G, T TYPE


LOOP ANTENNA GND
AM
FM75 Ω
AUX INPUT LEVEL
MAX MIN
INPUT AUX
R
L
SUPER WOOFER PREOUT
SPEAKERS (6 – 16Ω)
R
L
+
–
MIC MIXING
PHONES
FM FRONT END
FM TUNE
FM DET
FM AM GAIN
J70-0652-11
INPUT SEL.
X29-2532
A/2
TONE/VOL
IC605
IC606
IC601
IC603
PROTECT
POWER AMP.
IC607
POWER SUPPLY
Q610
Q615
K601
DECK
WH401
CN208
WH201
SERVO DSP
DAC
SERVO
RF AMP
IC201
CN201
CN207
IC206
DRIVER
IC202
MI-COM
MIC AMP
IC604
IC401
CN401
CN402
CN403
CN404
CN405
CN202 RED
CN203
J605 HEAD PHONE
J606
J607
J608
J603
J604
J601
J602
J1
J2
WHITE

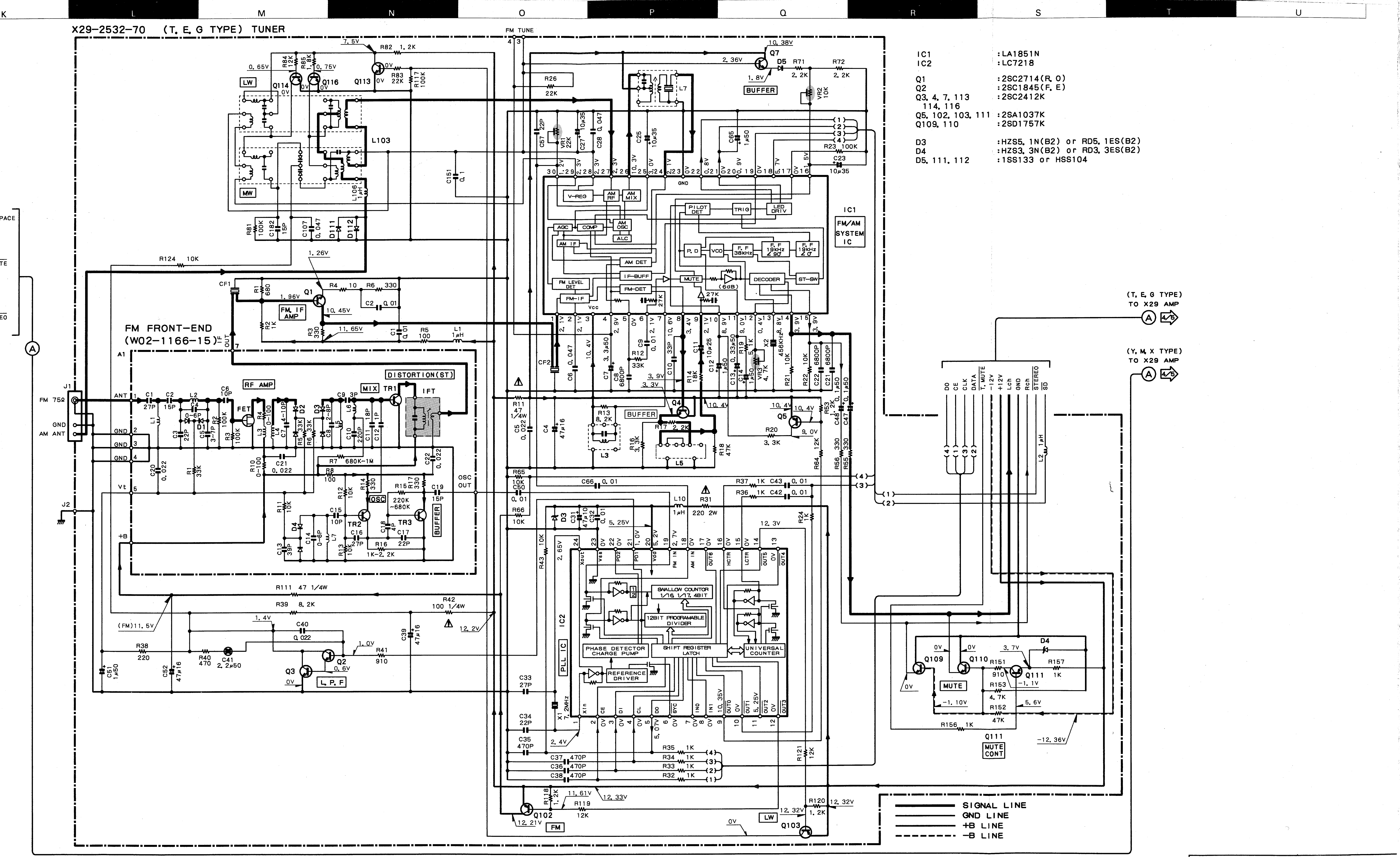

F6 T2A L 250V
F6
X25 C/3
WH5 (YEL)
WH6 (BRN)
WH4 (RED)
WH7 (BLU)
WH3 (WHT)
S2
CN11
CN10
240V
220V
120V
AC220V~
AC230-240V~
AC110-120V~


F1 T2A L 250V
CN8
CN9
CN7
F1
WH6 (BRN)
WH5 (YEL)
WH4 (RED)
WH7 (BLU)
WH3 (WHT)
W211
X25 B/3


F3 T3.15A L 250V
CN605
F5 T1A L 250V
CN614
CN613
CN606
F2 T3.15A L 250V
F4 T1.6A L 250V
CN603
CN604
CN616
CN615
W784
W783
W755
W756
C722
C713
X29 B/2
WH601
WH602
FRONT

Refer to the schematic diagram for the values of resistors and capacitors.

X29-2532-70 (T. E. G TYPE) TUNER



K
L
M
N
O
P
Q
R
S
T
U
FM TUNE
FM FRONT-END
(W02-1166-15)
FM 75Ω
GND
AM ANT
J1
J2
ANT
GND
Vt
+B
OUT
A1
RF AMP
FET
MIX
TR1
DISTORTION(ST)
IFT
OSC
TR2
TR3
BUFFER
OSC OUT
FM IF AMP
Q1
CF1
CF2
LW
MW
L103
Q113
Q114
Q116
IC1
FM/AM SYSTEM IC
V-REG
AM RF
AM MIX
AGC
COMP
AM OSC
ALC
AM IF
AM DET
FM LEVEL DET
IF-BUFF
FM-DET
FM-IF
MUTE
(6dB)
DECODER
ST-SW
PILOT DET
TRIG
LED DRIV
P. D
VCO
F. F 38kHz
F. F 19kHz
F. F 19kHz
BUFFER
Q4
Q5
Q7
D5
L7
IC2
PLL IC
SWALLOW COUNTOR 1/16, 1/17, 4BIT
12BIT PROGRAMABLE DIVIDER
PHASE DETECTOR CHARGE PUMP
SHIFT REGISTER LATCH
UNIVERSAL COUNTER
REFERENCE DRIVER
X1 7.2MHz
Q2
Q3
L. P. F
Q102
FM
Q103
Q109
Q110
Q111
MUTE
Q111 MUTE CONT
(T, E, G TYPE) TO X29 AMP
(Y, M, X TYPE) TO X29 AMP
A
4/5
DO
CE
CLK
DATA
T. MUTE
-12V
+12V
Lch
GND
Rch
STEREO SD
SIGNAL LINE
GND LINE
+B LINE
-B LINE

IC1 :LA1851N
IC2 :LC7218

Q1 :2SC2714(R. O)
Q2 :2SC1845(F. E)
Q3. 4. 7. 113 114. 116 :2SC2412K
Q5. 102. 103. 111 :2SA1037K
Q109. 110 :2SD1757K

D3 :HZS5. 1N(B2) or RD5. 1ES(B2)
D4 :HZS3. 3N(B2) or RD3. 3ES(B2)
D5. 111. 112 :1SS133 or HSS104

r continued safety, replace safety critical compo- h manufacturer's recommended parts (refer to ndicates safety critical components. To reduce the shock, leakage-current or resistance measurements out (exposed parts are acceptably insulated from uit) before the appliance is returned to the custom-

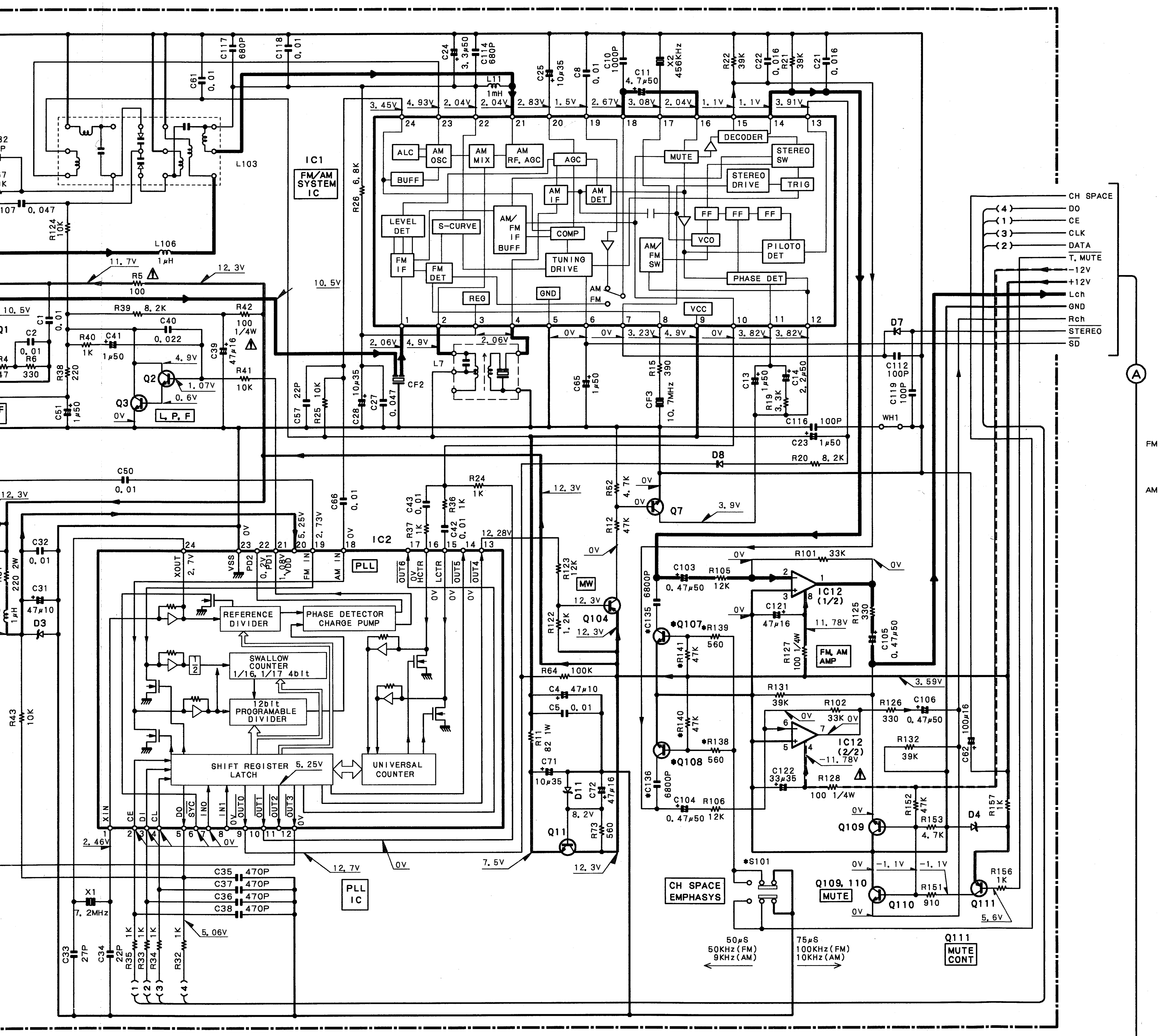
DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

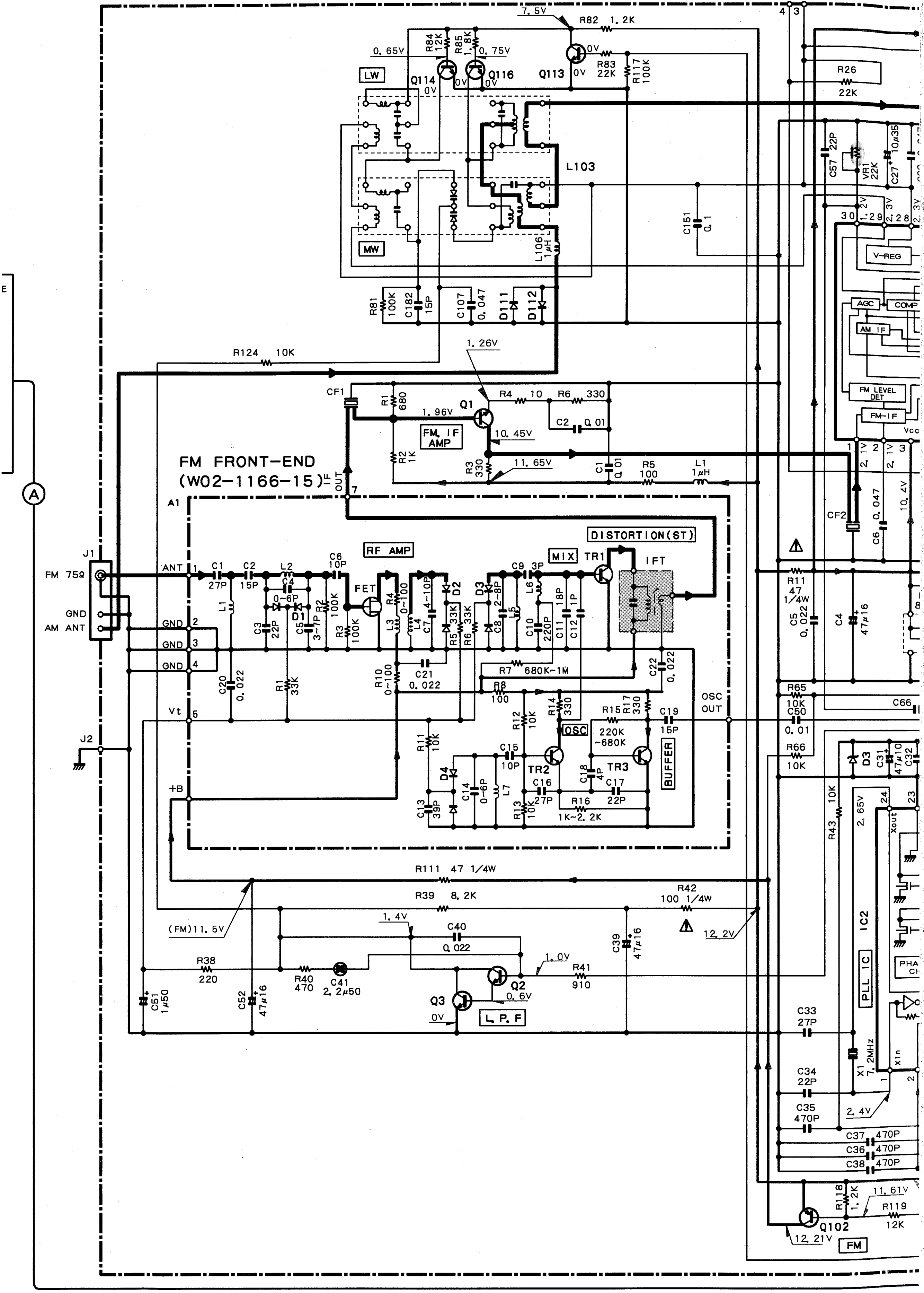
Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

RXD-C2/L

KENWOOD


IC1
FM/AM SYSTEM IC
ALC
BUFF
AM OSC
AM MIX
AM RF. AGC
AGC
MUTE
DECODER
STEREO SW
STEREO DRIVE
TRIG
LEVEL DET
S-CURVE
AM/FM IF BUFF
AM IF
AM DET
COMP
TUNING DRIVE
FF
VCO
AM/FM SW
PILOTO DET
PHASE DET
FM IF
FM DET
REG
GND
VCC
L103
L106 1μH
CF2
L7
X2 456KHz
CF3 10.7MHz
IC2
PLL
REFERENCE DIVIDER
PHASE DETECTOR CHARGE PUMP
SWALLOW COUNTER 1/16, 1/17 4bit
12bit PROGRAMABLE DIVIDER
SHIFT REGISTER LATCH
UNIVERSAL COUNTER
PLL IC
X1 7.2MHz
L.P.F
Q2
Q3
Q7
MW
Q104
Q11
IC12 (1/2)
IC12 (2/2)
FM, AM AMP
Q107
Q108
Q109
Q110
Q111
Q109, 110 MUTE
Q111 MUTE CONT
S101
CH SPACE EMPHASYS
50μS 50KHz(FM) 9KHz(AM)
75μS 100KHz(FM) 10KHz(AM)
D4
D7
D8
WH1
CH SPACE
DO
CE
CLK
DATA
T. MUTE
-12V
+12V
Lch
GND
Rch
STEREO
SD
11.7V
12.3V
10.5V
12.7V
7.5V
5.06V
2.46V
5.25V
3.59V
5.6V

X29-2532-70 (T, E, G TYPE) TUNER

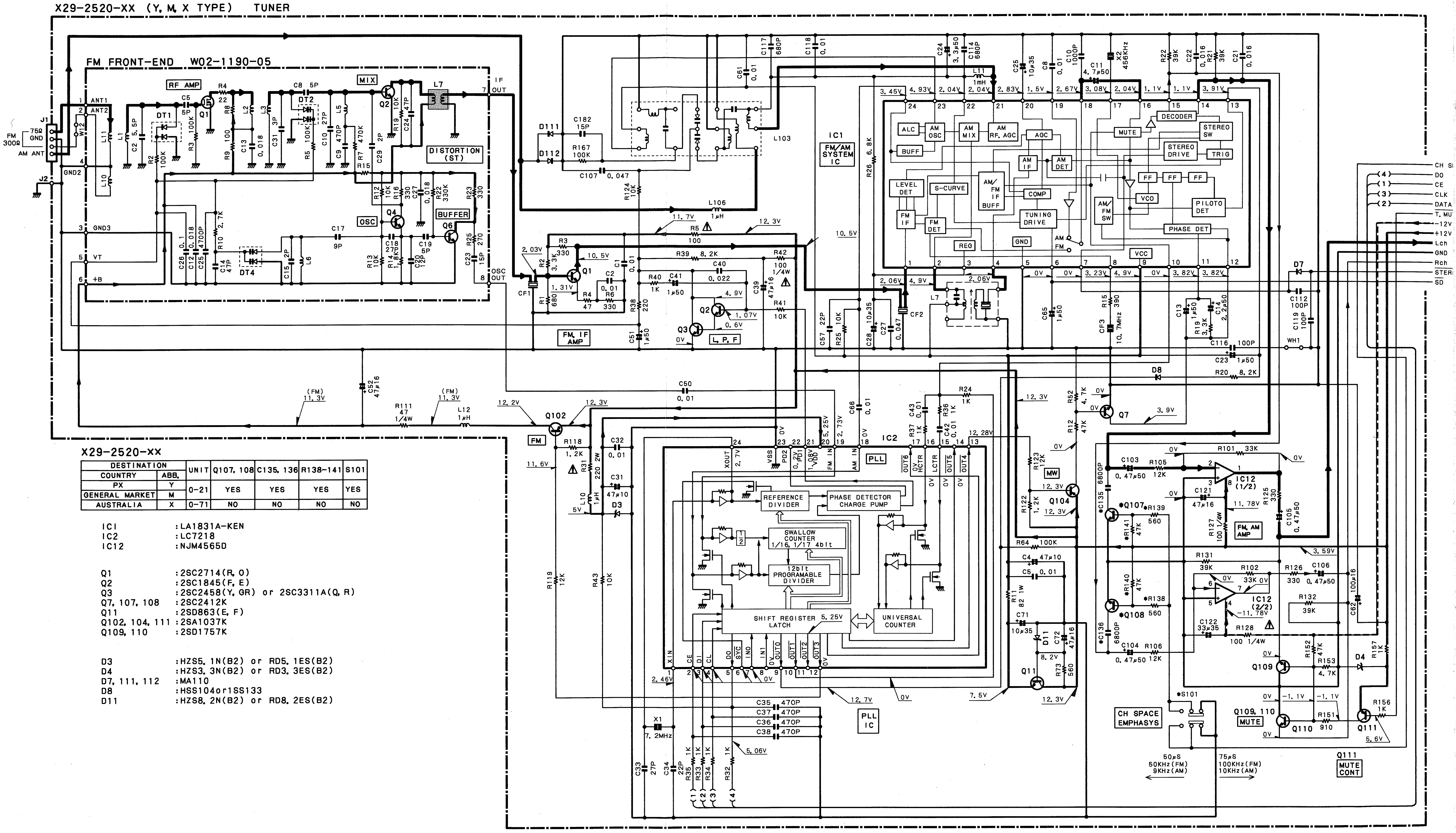

A
FM TUNE
LW
MW
Q113
Q114
Q116
L103
L106 1μH
CF1
Q1
FM IF AMP
FM FRONT-END (W02-1166-15)
A1
J1
FM 75Ω
GND
AM ANT
ANT
J2
Vt
+B
RF AMP
FET
MIX
TR1
DISTORTION(ST)
IFT
OSC
TR2
TR3
BUFFER
OSC OUT
L.P.F
Q2
Q3
IC2
PLL IC
Q102
FM
V-REG
AGC
COMP
AM IF
FM LEVEL DET
FM-IF
VR1 22K
(FM)11.5V
12.2V
12.21V
11.61V

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être m
haute impédance. Les valeurs pe
fait des variations inhérentes aux
de mesure individuels.

X29-2520-XX (Y, M, X TYPE) TUNER

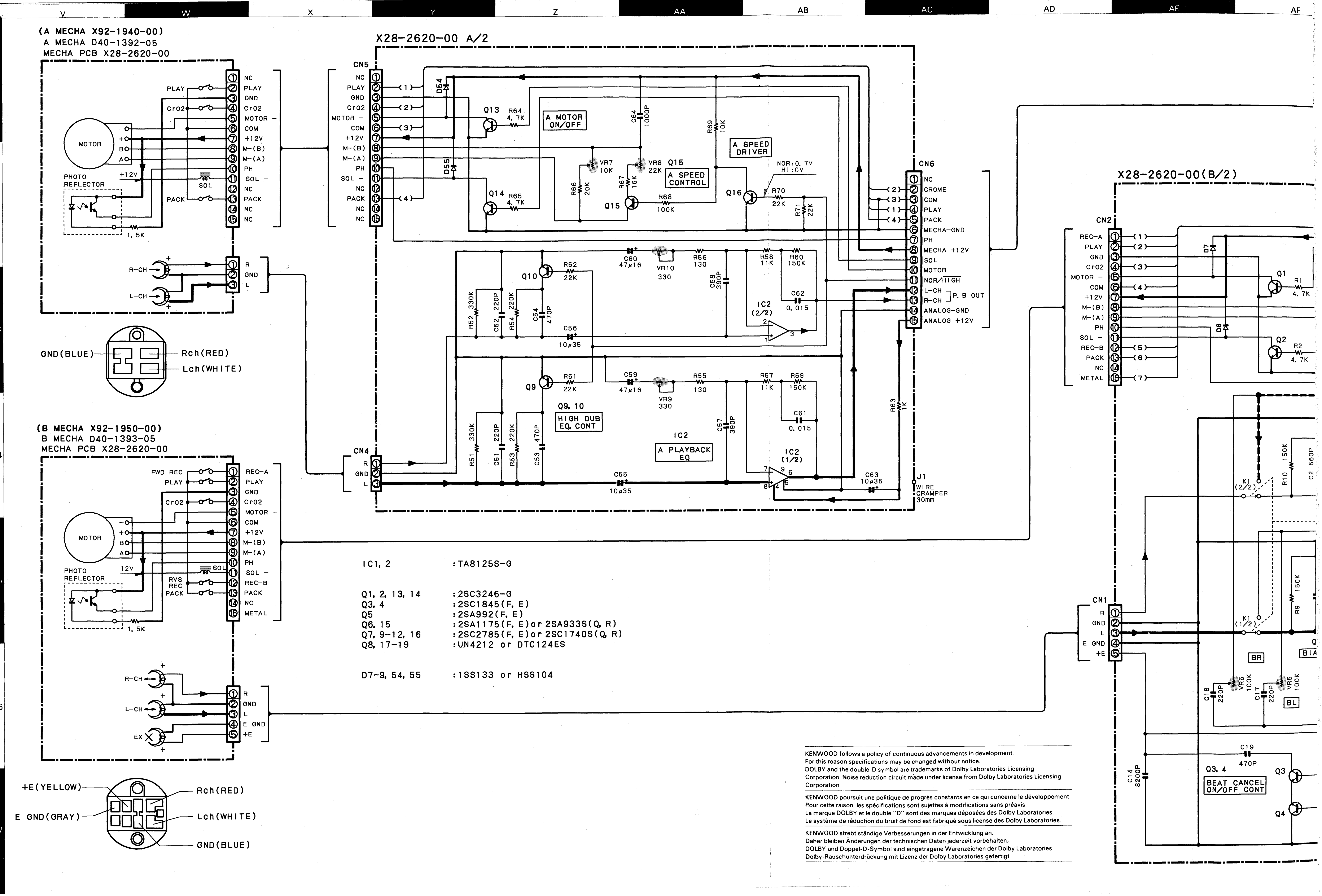

A
B
C
D
E
F
G
H
I
J
1
2
3
4
5
6
7
FM FRONT-END W02-1190-05
RF AMP
MIX
OSC
BUFFER
DISTORTION (ST)
IF OUT
OSC OUT
J1
J2
75Ω
GND
FM 300Ω
AM ANT
ANT1
ANT2
GND2
GND3
VT
+B
DT1
DT2
DT4
Q1
Q2
Q4
Q6
L7
CF1
CF2
CF3
FM IF AMP
L.P.F
IC1
FM/AM SYSTEM IC
ALC
AM OSC
AM MIX
AM RF. AGC
AGC
BUFF
LEVEL DET
S-CURVE
AM/FM IF BUFF
AM IF
AM DET
COMP
TUNING DRIVE
FM IF
FM DET
REG
GND
VCC
AM/FM SW
MUTE
DECODER
STEREO SW
STEREO DRIVE
TRIG
FF
VCO
PILOTO DET
PHASE DET
L103
L106
X2 456KHz
IC2
PLL
REFERENCE DIVIDER
PHASE DETECTOR CHARGE PUMP
SWALLOW COUNTER 1/16, 1/17 4bit
12bit PROGRAMABLE DIVIDER
SHIFT REGISTER LATCH
UNIVERSAL COUNTER
XOUT
VSS
PD2
PD1
VDD
FM IN
AM IN
OUT6
HCTR
LCTR
OUT5
OUT4
XIN
CE
DI
CL
DO
SYC
IN0
IN1
OUT0
OUT1
OUT2
OUT3
X1 7.2MHz
PLL IC
FM
MW
Q102
Q104
Q7
Q11
IC12 (1/2)
IC12 (2/2)
FM, AM AMP
Q107
Q108
Q109
Q110
Q111
S101
CH SPACE EMPHASYS
50μS 50KHz(FM) 9KHz(AM)
75μS 100KHz(FM) 10KHz(AM)
Q109, 110 MUTE
Q111 MUTE CONT
CH SI
DO
CE
CLK
DATA
T. MU
-12V
+12V
Lch
GND
Rch
STER
SD
D7
WH1

X29-2520-XX

DESTINATION		UNIT	Q107, 108	C135, 136	R138~141	S101
COUNTRY	ABB.					
PX	Y	0-21	YES	YES	YES	YES
GENERAL MARKET	M					
AUSTRALIA	X	0-71	NO	NO	NO	NO

ICI	:LA1831A-KEN
IC2	:LC7218
IC12	:NJM4565D
Q1	:2SC2714(R, O)
Q2	:2SC1845(F, E)
Q3	:2SC2458(Y, GR) or 2SC3311A(Q, R)
Q7, 107, 108	:2SC2412K
Q11	:2SD863(E, F)
Q102, 104, 111	:2SA1037K
Q109, 110	:2SD1757K
D3	:HZS5. 1N(B2) or RD5. 1ES(B2)
D4	:HZS3. 3N(B2) or RD3. 3ES(B2)
D7, 111, 112	:MA110
D8	:HSS104or1SS133
D11	:HZS8. 2N(B2) or RD8. 2ES(B2)

CAUTION: Fo
nents only wi
parts list). ⚠ I
risk of electric
shall be carrie
the supply circ
er.


V
W
X
Y
Z
AA
AB
AC
AD
AE
AF
1
2
3
4
5
6
7
(A MECHA X92-1940-00)
A MECHA D40-1392-05
MECHA PCB X28-2620-00
MOTOR
PLAY
Cr02
PHOTO REFLECTOR
+12V
SOL
PACK
1. 5K
NC
PLAY
GND
Cr02
MOTOR −
COM
+12V
M−(B)
M−(A)
PH
SOL −
NC
PACK
NC
NC
R-CH
L-CH
R
GND
L
GND(BLUE)
Rch(RED)
Lch(WHITE)
X28-2620-00 A/2
CN5
D54
D55
Q13
R64 4. 7K
Q14
R65 4. 7K
A MOTOR ON/OFF
C64 1000P
VR7 10K
VR8 22K
Q15
R66 20K
R67 16K
A SPEED CONTROL
R68 100K
R69 10K
A SPEED DRIVER
NOR:0. 7V HI:0V
Q16
R70 22K
R71 22K
CN6
NC
CROME
COM
PLAY
PACK
MECHA-GND
PH
MECHA +12V
SOL
MOTOR
NOR/HIGH
L-CH
R-CH
P. B OUT
ANALOG-GND
ANALOG +12V
Q10
R62 22K
C60 47μ16
VR10 330
R56 130
C58 390P
R58 11K
R60 150K
C62 0. 015
IC2 (2/2)
R52 330K
C52 220P
R54 220K
C54 470P
C56 10μ35
Q9
R61 22K
C59 47μ16
VR9 330
R55 130
R57 11K
R59 150K
C61 0. 015
C57 390P
R63 1K
Q9, 10
HIGH DUB EQ. CONT
IC2
A PLAYBACK EQ
IC2 (1/2)
R51 330K
C51 220P
R53 220K
C53 470P
C55 10μ35
C63 10μ35
CN4
J1
WIRE CRAMPER 30mm
(B MECHA X92-1950-00)
B MECHA D40-1393-05
MECHA PCB X28-2620-00
FWD REC
RVS REC
12V
REC-A
REC-B
METAL
E GND
+E
EX
+E(YELLOW)
E GND(GRAY)
X28-2620-00(B/2)
CN2
D7
D8
Q1
R1 4. 7K
Q2
R2 4. 7K
R10 150K
C2 560P
K1 (2/2)
K1 (1/2)
R9 150K
CN1
BR
BL
VR6 100K
VR5 100K
C18 220P
C17 220P
C19 470P
C14 8200P
Q3, 4
BEAT CANCEL ON/OFF CONT
Q3
Q4

IC1, 2	:TA8125S-G
Q1, 2, 13, 14	:2SC3246-G
Q3, 4	:2SC1845(F, E)
Q5	:2SA992(F, E)
Q6, 15	:2SA1175(F, E)or 2SA933S(Q, R)
Q7, 9~12, 16	:2SC2785(F, E)or 2SC1740S(Q, R)
Q8, 17~19	:UN4212 or DTC124ES
D7~9, 54, 55	:1SS133 or HSS104

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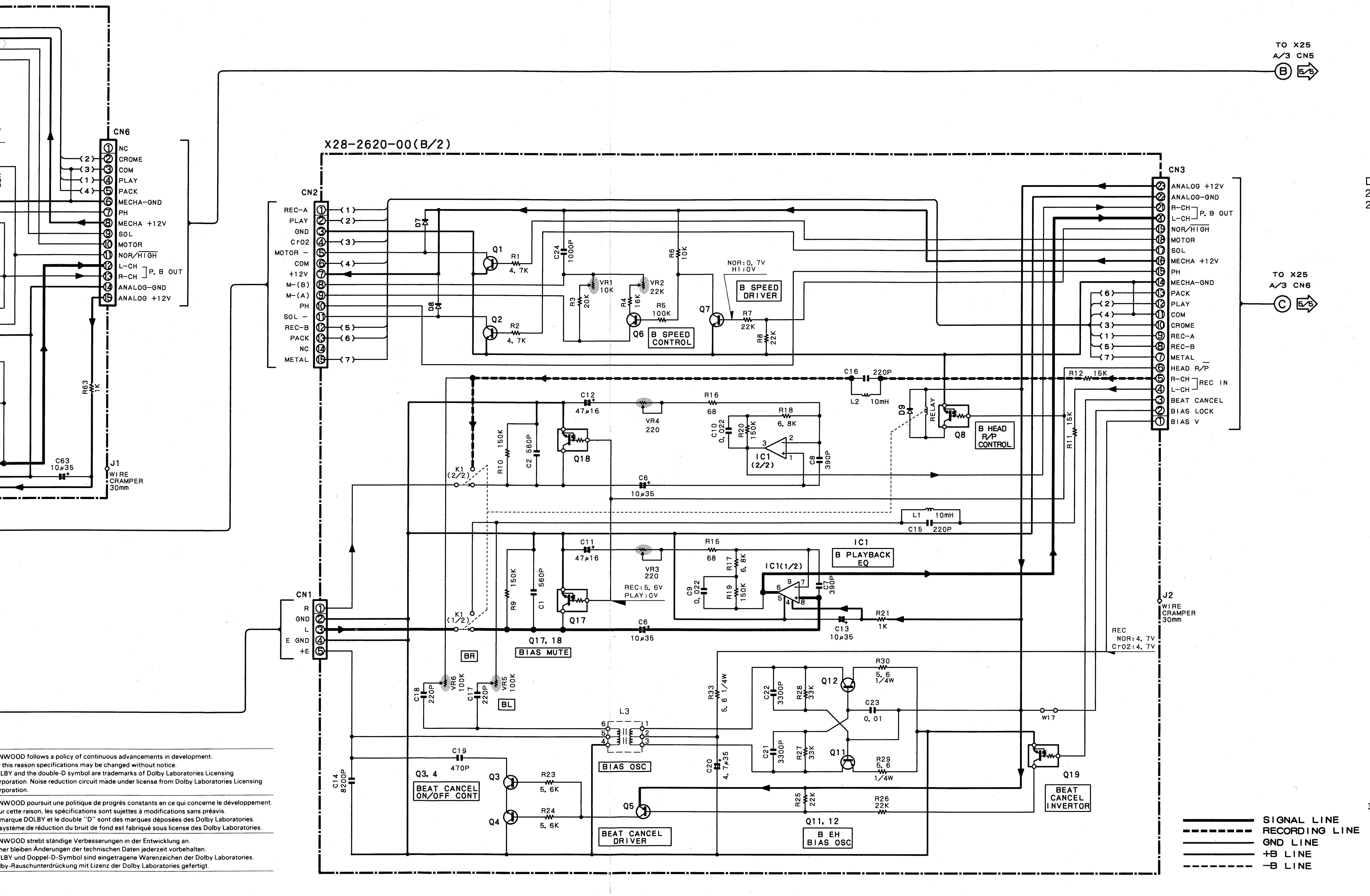
X28-2620-00(B/2)
CN6
① NC
② CROME
③ COM
④ PLAY
⑤ PACK
⑥ MECHA-GND
⑦ PH
⑧ MECHA +12V
⑨ SOL
⑩ MOTOR
⑪ NOR/HIGH
⑫ L-CH
⑬ R-CH
P. B OUT
⑭ ANALOG-GND
⑮ ANALOG +12V
(2) (3) (1) (4)
R63 1K
C63 10μ35
J1 WIRE CRAMPER 30mm
CN2
REC-A PLAY GND Cr02 MOTOR − COM +12V M-(B) M-(A) PH SOL − REC-B PACK NC METAL
(1) (2) (3) (4) (5) (6) (7)
D7 D8
Q1 R1 4.7K
Q2 R2 4.7K
C24 1000P
R6 10K
VR1 10K
VR2 22K
R3 20K
R4 16K
R5 100K
Q6
B SPEED CONTROL
NOR:0.7V HI:0V
B SPEED DRIVER
Q7
R7 22K
R8 22K
TO X25 A/3 CN5
B 5/5
TO X25 A/3 CN6
C 5/5
CN3
㉓ ANALOG +12V
㉒ ANALOG-GND
㉑ R-CH
⑳ L-CH
P. B OUT
⑲ NOR/HIGH
⑱ MOTOR
⑰ SOL
⑯ MECHA +12V
⑮ PH
⑭ MECHA-GND
⑬ PACK
⑫ PLAY
⑪ COM
⑩ CROME
⑨ REC-A
⑧ REC-B
⑦ METAL
⑥ HEAD R/P
⑤ R-CH
④ L-CH
REC IN
③ BEAT CANCEL
② BIAS LOCK
① BIAS V
(6) (2) (4) (3) (1) (5) (7)
C16 220P
L2 10mH
R12 15K
D9 RELAY
Q8
B HEAD R/P CONTROL
R11 15K
C12 47μ16
VR4 220
R16 68
R18 6.8K
C10 0.022
R20 150K
IC1 (2/2)
C8 390P
R10 150K
C2 560P
Q18
K1 (2/2)
C6 10μ35
L1 10mH
C15 220P
C11 47μ16
VR3 220
R15 68
IC1
B PLAYBACK EQ
R17 6.8K
IC1(1/2)
C9 0.022
R19 150K
C7 390P
R9 150K
C1 560P
Q17
REC:5.6V PLAY:0V
K1 (1/2)
C6 10μ35
C13 10μ35
R21 1K
J2 WIRE CRAMPER 30mm
CN1
R GND L E GND +E
Q17, 18 BIAS MUTE
BR BL
REC NOR:4.7V Cr02:4.7V
VR6 100K
C18 220P
VR5 100K
C17 220P
R33 5.6 1/4W
L3
BIAS OSC
C22 3300P
R28 33K
Q12
R30 5.6 1/4W
C23 0.01
W17
C21 3300P
R27 33K
Q11
R29 5.6 1/4W
C20 4.7μ35
C19 470P
C14 8200P
Q3 R23 5.6K
Q4 R24 5.6K
Q3, 4 BEAT CANCEL ON/OFF CONT
Q5
BEAT CANCEL DRIVER
R25 22K
R26 22K
Q11, 12 B EH BIAS OSC
Q19
BEAT CANCEL INVERTOR
SIGNAL LINE
RECORDING LINE
GND LINE
+B LINE
−B LINE

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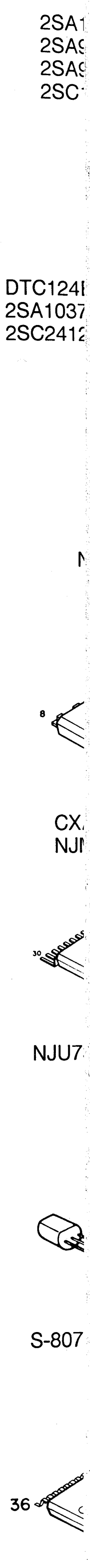
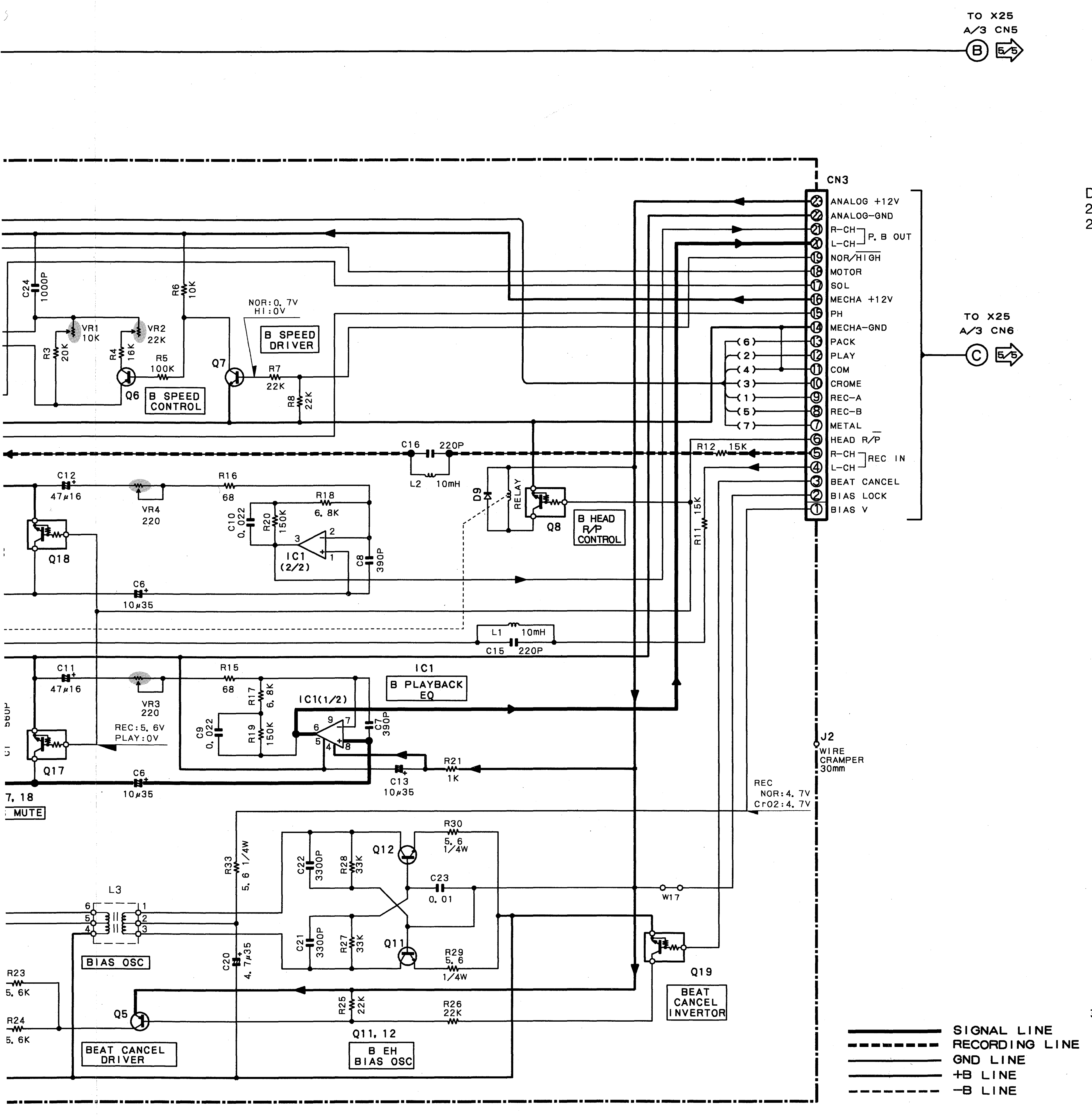
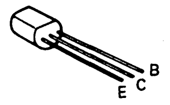
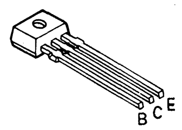

2SA1
2SA9
2SA9
2SC1
DTC124
2SA1037
2SC2412
N
8
CX
NJ
30
NJU7
S-807
36
AN880

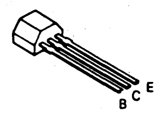

TO X25
A/3 CN5
B
5/5
TO X25
A/3 CN6
C
5/5
CN3
㉓ ANALOG +12V
㉒ ANALOG-GND
㉑ R-CH
⑳ L-CH
P. B OUT
⑲ NOR/HIGH
⑱ MOTOR
⑰ SOL
⑯ MECHA +12V
⑮ PH
⑭ MECHA-GND
⑬ PACK
⑫ PLAY
⑪ COM
⑩ CROME
⑨ REC-A
⑧ REC-B
⑦ METAL
⑥ HEAD R/P
⑤ R-CH
④ L-CH
REC IN
③ BEAT CANCEL
② BIAS LOCK
① BIAS V
(6)
(2)
(4)
(3)
(1)
(5)
(7)
C24 1000P
R6 10K
VR1 10K
VR2 22K
R3 20K
R4 16K
R5 100K
Q6
B SPEED CONTROL
NOR:0. 7V
HI:0V
B SPEED DRIVER
Q7
R7 22K
R8 22K
C16 220P
L2 10mH
R12 15K
D9
RELAY
Q8
B HEAD R/P CONTROL
R11 15K
C12 47μ16
VR4 220
R16 68
R18 6. 8K
C10 0. 022
R20 150K
IC1 (2/2)
C8 390P
Q18
C6 10μ35
L1 10mH
C15 220P
IC1
B PLAYBACK EQ
C11 47μ16
VR3 220
REC:5. 6V
PLAY:0V
R15 68
R17 6. 8K
IC1(1/2)
C7 390P
C9 0. 022
R19 150K
R21 1K
C13 10μ35
Q17
C6 10μ35
7, 18
MUTE
J2
WIRE CRAMPER 30mm
REC
NOR:4. 7V
CrO2:4. 7V
R30 5. 6 1/4W
Q12
R33 5. 6 1/4W
C22 3300P
R28 33K
C23 0. 01
L3
W17
C21 3300P
R27 33K
Q11
R29 5. 6 1/4W
C20 4. 7μ35
BIAS OSC
Q19
BEAT CANCEL INVERTOR
R23 5. 6K
R24 5. 6K
Q5
R25 22K
R26 22K
Q11, 12
B EH BIAS OSC
BEAT CANCEL DRIVER
SIGNAL LINE
RECORDING LINE
GND LINE
+B LINE
−B LINE



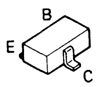
2SA1534A
2SA954
2SA992
2SC1845
2SC2003
2SC2878
2SC3246
2SC3940A
2SD863



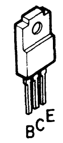
2SA1175
2SC2785



DTA124ES
DTC124ES
UN4112
2SA1048
2SA933S
2SC1740S
2SC2458



DTC124EU
2SA1037K
2SC2412K
2SC2714
2SD1757K



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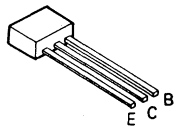
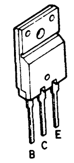
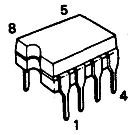


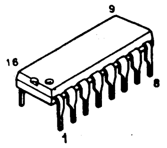
UN4212
2SA1309A
2SC3311A



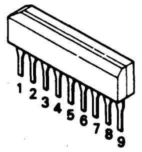
2SD2012



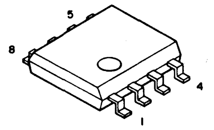
NJM4565D



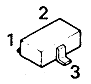
XR-1091ECP



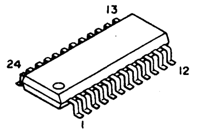
TA8125S
TA8409S



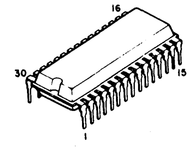
CXA1642M
NJM4565M



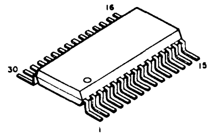
DTA115EU



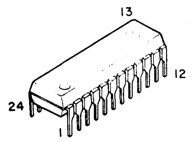
M66310FP
SM5875BM



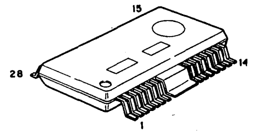
LA1851N



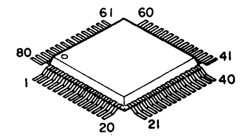
NJU7313AM



LC7218



BA6398FP

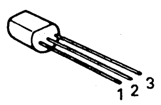

61
60
80
41
1
40
20
21

MN662720RB

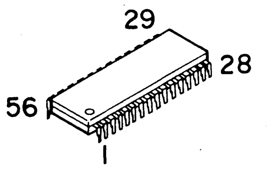
DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

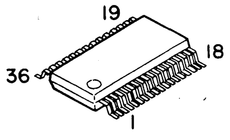


S-80740AL



HA12182NT

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



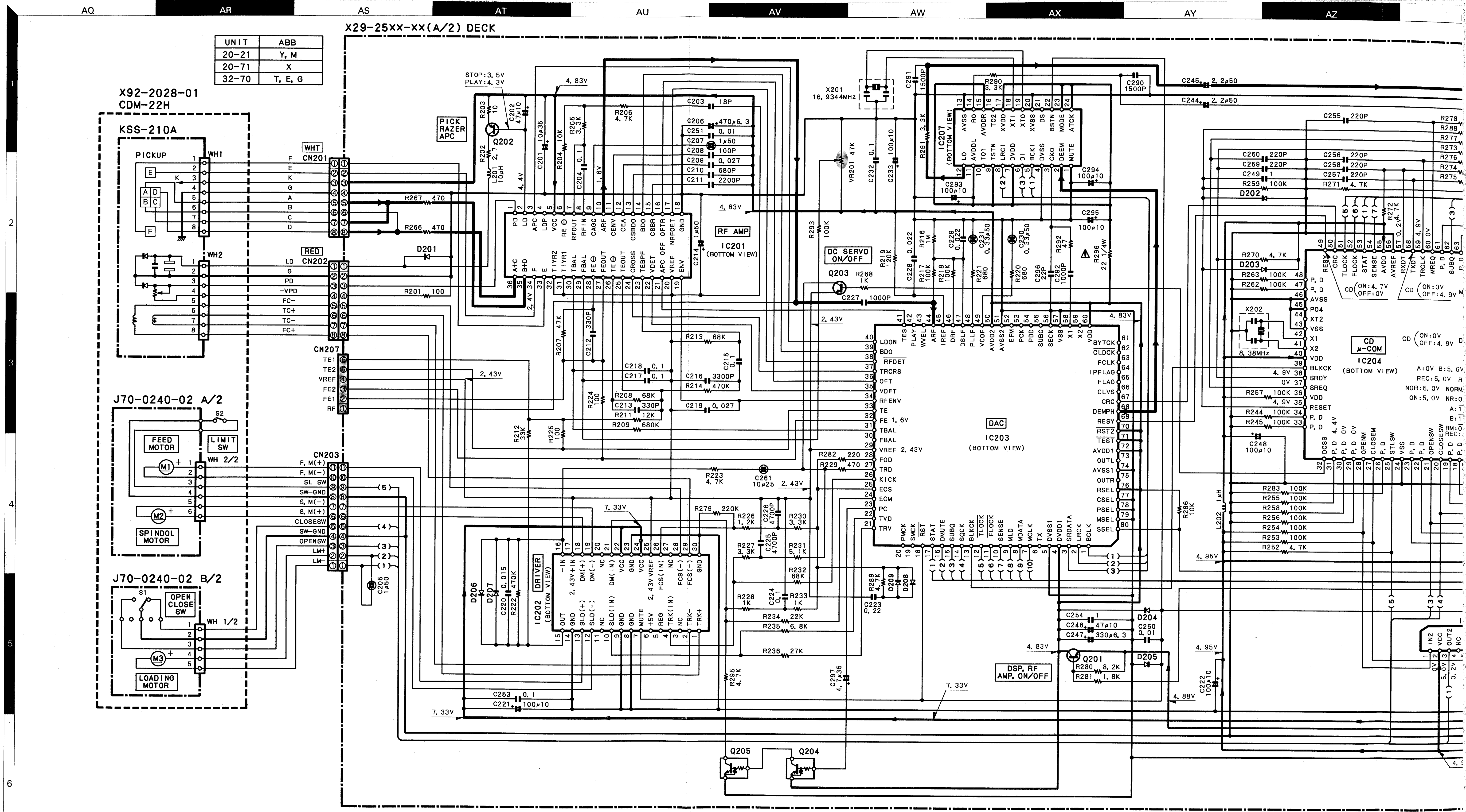
AN8806SB

2/5

RXD-C2/L

KENWOOD

Y39-2110-21


AQ
AR
AS
AT
AU
AV
AW
AX
AY
AZ
X29-25XX-XX(A/2) DECK
UNIT | ABB
20-21 | Y, M
20-71 | X
32-70 | T, E, G
X92-2028-01
CDM-22H
KSS-210A
PICKUP
WH1
WH2
WHT CN201
RED CN202
CN207
CN203
J70-0240-02 A/2
FEED MOTOR
LIMIT SW
SPINDOL MOTOR
J70-0240-02 B/2
OPEN CLOSE SW
LOADING MOTOR
PICK RAZER APC
STOP:3.5V
PLAY:4.3V
Q202
RF AMP
IC201 (BOTTOM VIEW)
DC SERVO ON/OFF
Q203
X201 16.9344MHz
VR201 47K
IC207 (BOTTOM VIEW)
DAC
IC203 (BOTTOM VIEW)
DRIVER
IC202 (BOTTOM VIEW)
DSP, RF AMP. ON/OFF
Q201
Q205
Q204
X202 8.38MHz
CD μ-COM
IC204 (BOTTOM VIEW)
7.33V
4.83V
2.43V
4.95V
4.88V
1
2
3
4
5
6
7

IC201	:AN8806SB	IC204	:UPD78012BGC-652	Q201	:2SA1534A(R, S)	D201-209	:MA110
IC202	:BA6398FP	IC206	:TA8409S	Q202	:2SA954(L, K)		
IC203	:MN662720RB	IC207	:SM5875BM	Q203	:2SC2412K		
				Q204	:DTA115EU		
				Q205	:DTC124EU		

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For this reason specifications may be changed without notice.
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Pour cette raison, les spécifications sont sujettes à modifications sans préavis.
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Le système de réduction du bruit de fond est fabriqué sous license des Dolby Laboratories.

KENWOOD strebt ständige Verbesserungen in der Entwicklung an.
Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.
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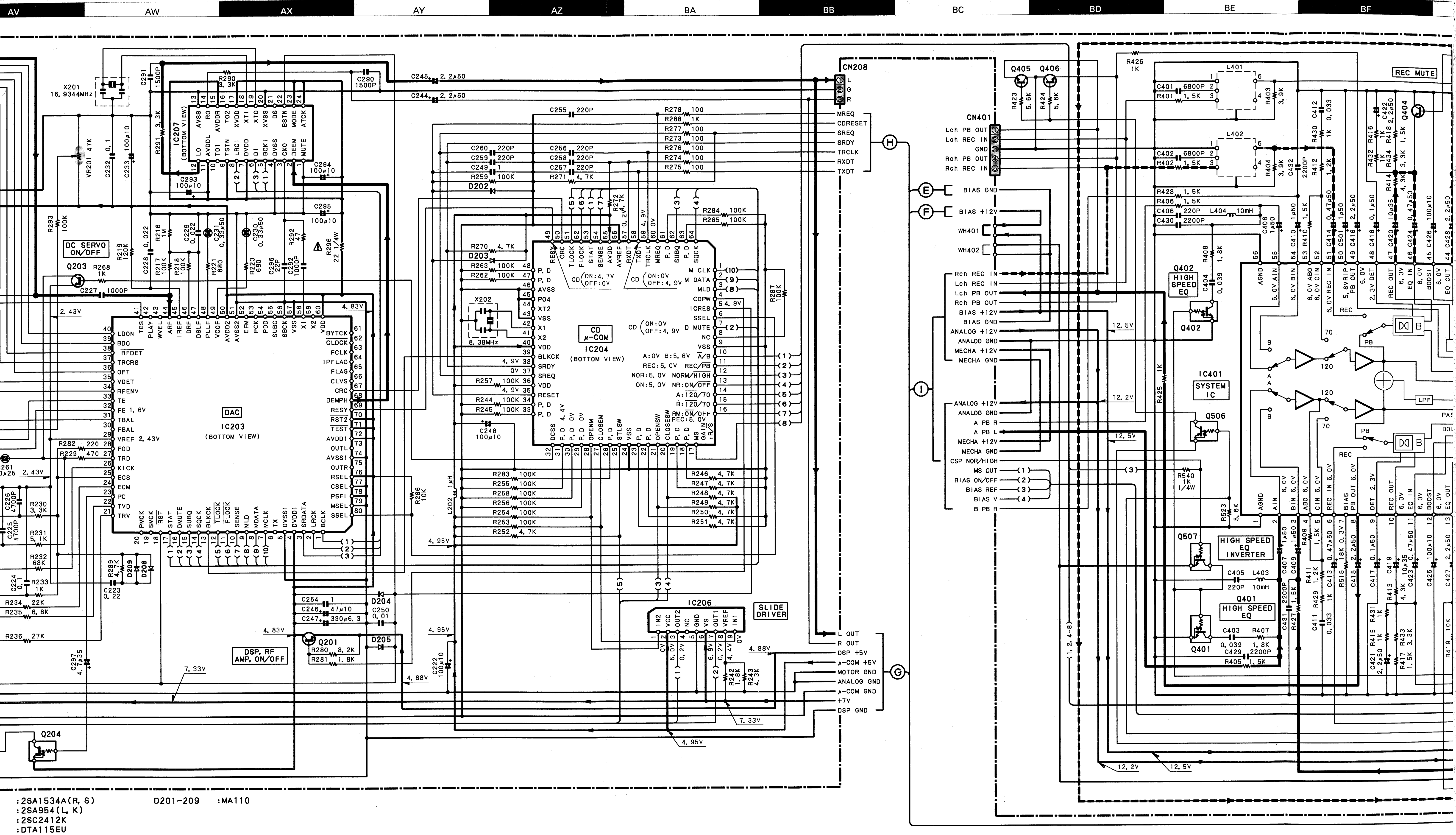

AV
AW
AX
AY
AZ
BA
BB
BC
BD
BE
BF
X201 16.9344MHz
VR201 47K
IC207 (BOTTOM VIEW)
DC SERVO ON/OFF
Q203
DAC
IC203 (BOTTOM VIEW)
X202 8.38MHz
CD μ-COM
IC204 (BOTTOM VIEW)
IC206
SLIDE DRIVER
DSP, RF AMP, ON/OFF
Q201
Q204
D202
D203
D204
D205
D208
D209
CN208
L
G
R
MREQ
CDRESET
SREQ
SRDY
TRCLK
RXDT
TXDT
L OUT
R OUT
DSP +5V
μ-COM +5V
MOTOR GND
ANALOG GND
μ-COM GND
+7V
DSP GND
CN401
Lch PB OUT
Lch REC IN
GND
Rch PB OUT
Rch REC IN
BIAS GND
BIAS +12V
WH401
WH402
Q405
Q406
L401
L402
REC MUTE
Q402 HIGH SPEED EQ
IC401 SYSTEM IC
Q506
Q507 HIGH SPEED EQ INVERTER
Q401 HIGH SPEED EQ
Q404
LPF
4.83V
4.95V
4.88V
7.33V
12.5V
12.2V
2.43V

:2SA1534A(R, S)
:2SA954(L, K)
:2SC2412K
:DTA115EU
:DTC124EU

D201~209 :MA110

IC401 :HA12182NT

Q401, 402 :DTC124EU
Q403, 404 :2SD1757K
405, 406
Q503, 506 :DTA124ES or UN4112

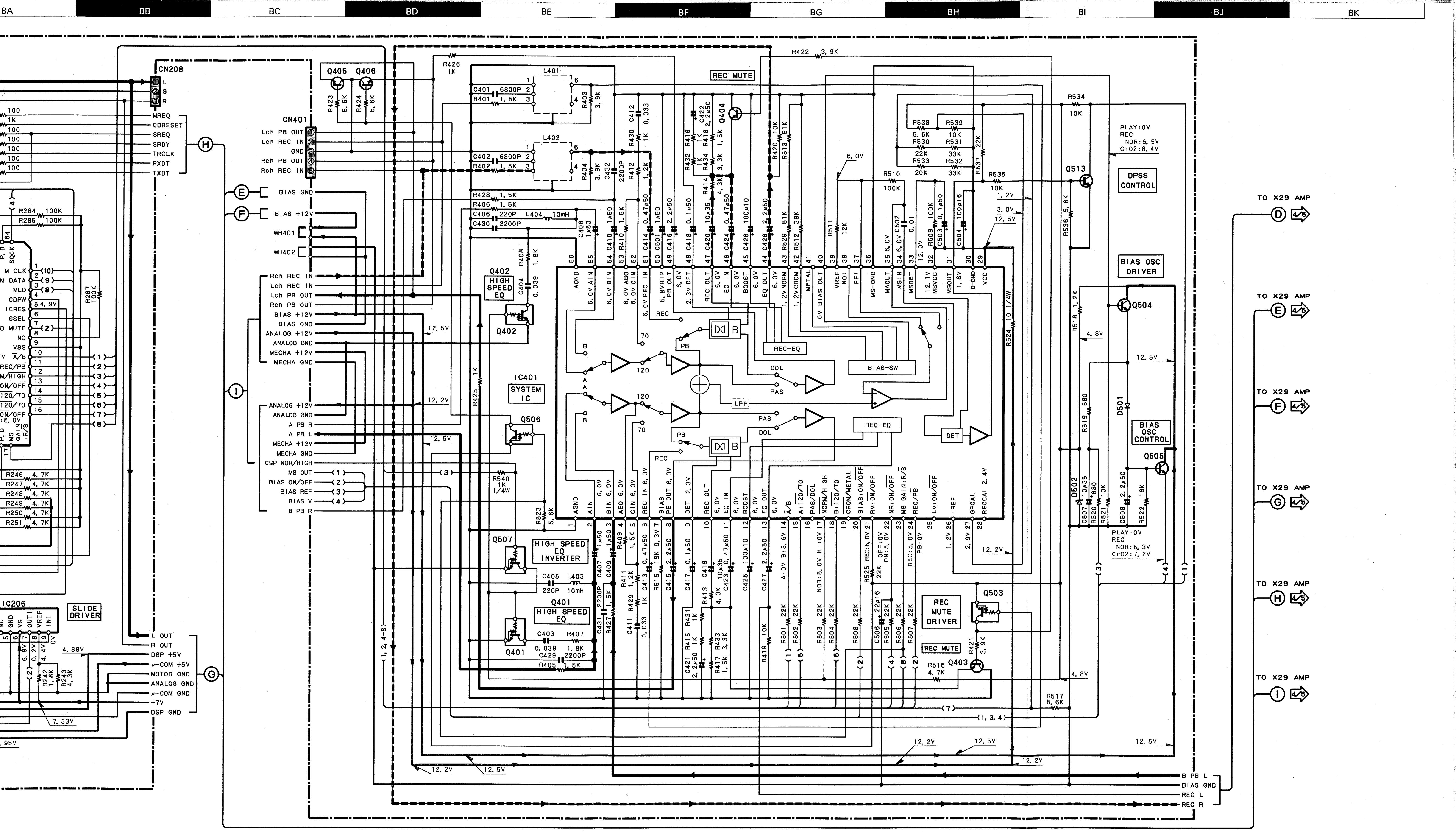
Q504, 513 :2S
Q505 :2S
Q507 :DT

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

CAUTION: For c
nents only with
parts list). ⚠ Ind
risk of electric sh
shall be carried o
the supply circuit
er.


BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK
CN208
CN401
Lch PB OUT
Lch REC IN
GND
Rch PB OUT
Rch REC IN
MREQ
CDRESET
SREQ
SRDY
TRCLK
RXDT
TXDT
BIAS GND
BIAS +12V
WH401
WH402
Q405
Q406
L401
L402
REC MUTE
Q404
Q402
HIGH SPEED EQ
IC401
SYSTEM IC
Q506
Q507
HIGH SPEED EQ INVERTER
Q401
REC-EQ
BIAS-SW
DOL
PAS
LPF
DET
DPSS CONTROL
Q513
BIAS OSC DRIVER
Q504
BIAS OSC CONTROL
Q505
D501
D502
Q503
REC MUTE DRIVER
Q403
IC206
SLIDE DRIVER
L OUT
R OUT
DSP +5V
μ-COM +5V
MOTOR GND
ANALOG GND
μ-COM GND
+7V
DSP GND
TO X29 AMP
B PB L
BIAS GND
REC L
REC R
PLAY:0V
REC
NOR:6.5V
CrO2:8.4V
NOR:5.3V
CrO2:7.2V

IC401 :HA12182NT

Q401, 402 :DTC124EU
Q403, 404 :2SD1757K
405, 406
Q503, 506 :DTA124ES or UN4112

Q504, 513 :2SC2412K
Q505 :2SC3940A(R, S)
Q507 :DTC124ES or UN4212

D501 :1SS133 or HSS104
D502 :HZS5. 1N(B2)or RD5. 1ES(B2)

━━━━ **SIGNAL LINE**
▬ ▬ ▬ ▬ **RECORDING LINE**
──── **GND LINE**
──── **+B LINE**

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

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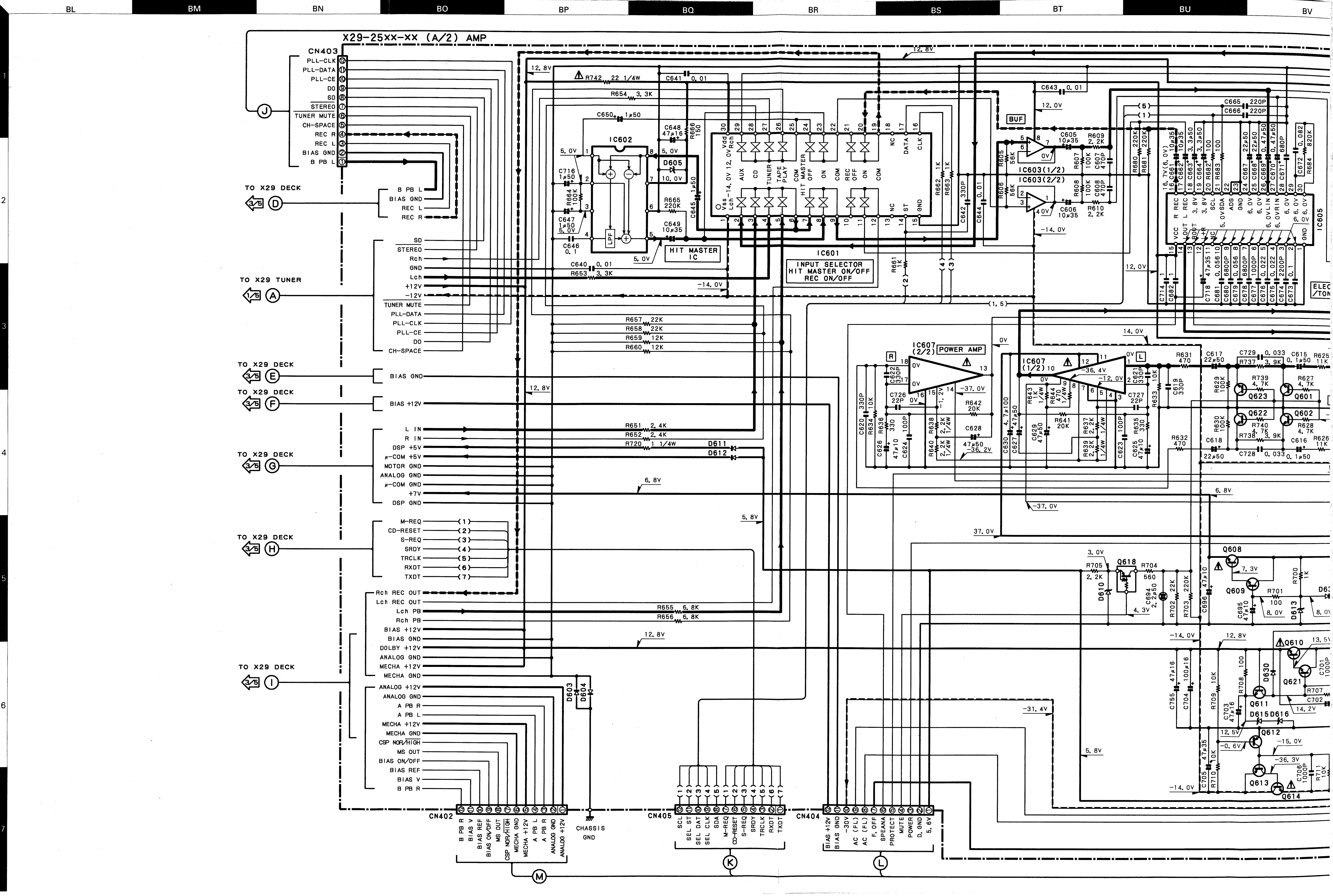
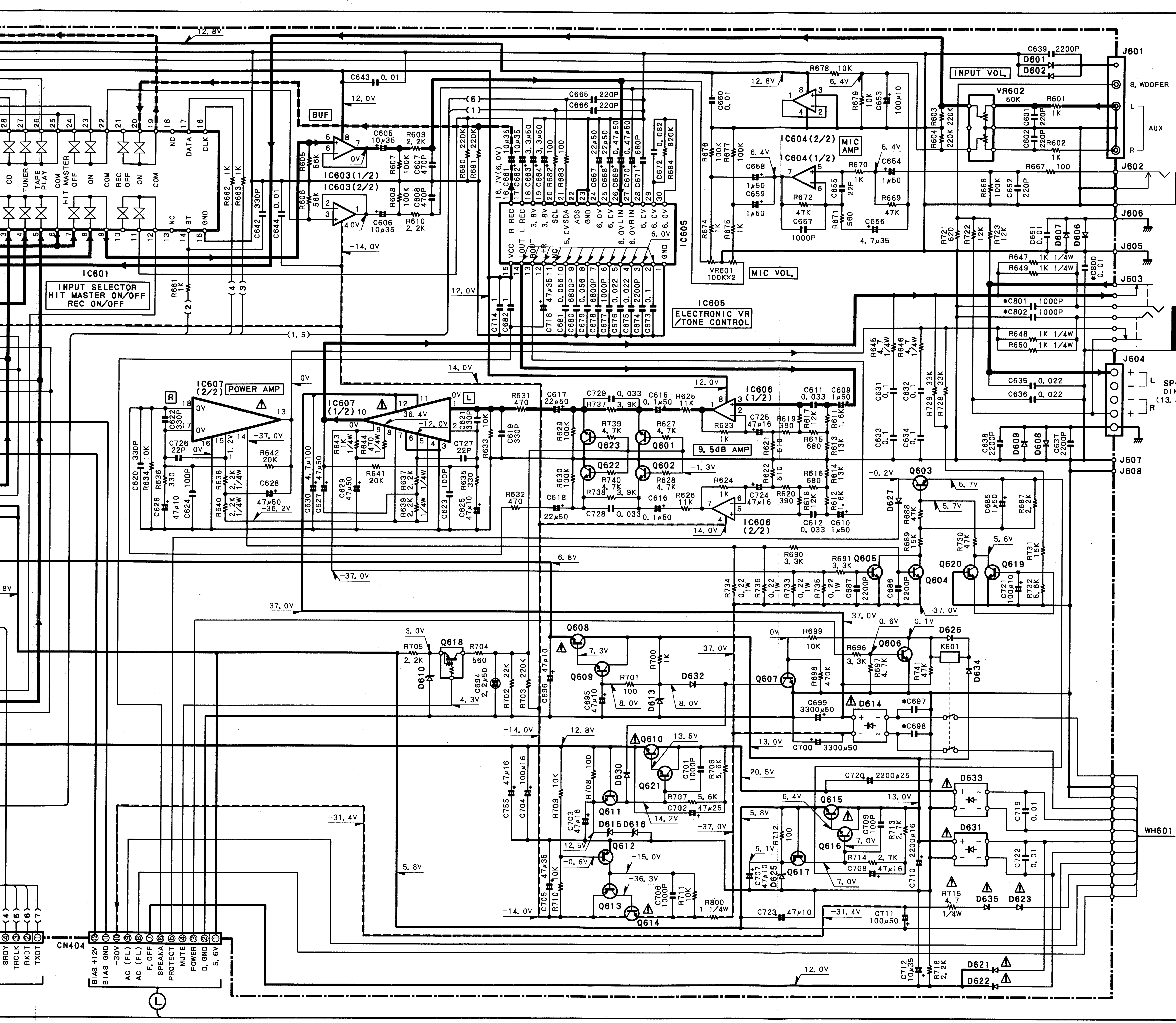
RXD-C2/L

KENWOOD


BL
BM
BN
BO
BP
BQ
BR
BS
BT
BU
BV
1
2
3
4
5
6
7
X29-25xx-xx (A/2) AMP
CN403
PLL-CLK
PLL-DATA
PLL-CE
DO
SD
STEREO
TUNER MUTE
CH-SPACE
REC R
REC L
BIAS GND
B PB L
J
TO X29 DECK
3/5 D
B PB L
BIAS GND
REC L
REC R
SD
STEREO
Rch
GND
Lch
+12V
-12V
TUNER MUTE
PLL-DATA
PLL-CLK
PLL-CE
DO
CH-SPACE
TO X29 TUNER
1/5 A
TO X29 DECK
3/5 E
BIAS GND
TO X29 DECK
3/5 F
BIAS +12V
TO X29 DECK
3/5 G
L IN
R IN
DSP +5V
μ-COM +5V
MOTOR GND
ANALOG GND
μ-COM GND
+7V
DSP GND
TO X29 DECK
3/5 H
M-REQ
CD-RESET
S-REQ
SRDY
TRCLK
RXDT
TXDT
TO X29 DECK
3/5 I
Rch REC OUT
Lch REC OUT
Lch PB
Rch PB
BIAS +12V
BIAS GND
DOLBY +12V
ANALOG GND
MECHA +12V
MECHA GND
ANALOG +12V
ANALOG GND
A PB R
A PB L
MECHA +12V
MECHA GND
CSP NOR/HIGH
MS OUT
BIAS ON/OFF
BIAS REF
BIAS V
B PB R
12, 8V
R742 22 1/4W
C641 0, 01
R654 3, 3K
C650 1μ50
C648 47μ16
R666 150
IC602
5, 0V
C716 1μ50
R664 100K
C647 1μ50
5, 0V
C646 0, 1
LPF
D605
5, 0V
10, 0V
R665 220K
C649 10μ35
C645 1μ50
5, 0V
HIT MASTER IC
C640 0, 01
R653 3, 3K
-14, 0V
Vdd
Rch
Vss
Lch
-14, 0V 12, 0V
AUX
CD
TUNER
TAPE PLAY
COM
HIT MASTER OFF
ON
COM
REC OFF
ON
COM
NC
DATA
CLK
NC
ST
GND
IC601
INPUT SELECTOR
HIT MASTER ON/OFF
REC ON/OFF
R662 1K
R663 1K
C642 330P
C644 0, 01
R661 1K
(1, 5)
(2)
(4)
(3)
12, 8V
R657 22K
R658 22K
R659 12K
R660 12K
R651 2, 4K
R652 2, 4K
R720 1 1/4W
D611
D612
6, 8V
5, 8V
R655 6, 8K
R656 6, 8K
12, 8V
D603
D604
CN402
B PB R
BIAS V
BIAS REF
BIAS ON/OFF
MS OUT
CSP NOR/HIGH
MECHA GND
MECHA +12V
A PB L
A PB R
ANALOG GND
ANALOG +12V
M
CHASSIS GND
CN405
SCL
SEL ST
SEL DAT
SEL CLK
SDA
M-REQ
CD-RESET
S-REQ
SRDY
TRCLK
RXDT
TXDT
K
CN404
BIAS +12V
BIAS GND
-30V
AC (FL)
AC (FL)
F. OFF
SPEANA
PROTECT
MUTE
POWER
D. GND
5, 6V
L
C643 0, 01
12, 0V
BUF
C605 10μ35
R609 2, 2K
R605 56K
R606 56K
IC603(1/2)
IC603(2/2)
0V
R607 100K
C607 470P
R608 100K
C608 470P
C606 10μ35
R610 2, 2K
-14, 0V
(5)
(1)
C665 220P
C666 220P
R680 220K
R681 220K
16, 7V(6, 0V)
C661 10μ35
C662 10μ35
C663 3, 3μ50
C664 3, 3μ50
R682 100
R683 100
C667 22μ50
C668 22μ50
C669 22μ50
C670 0, 47μ50
C671 680P
C672 0, 082
R684 820K
IC605
ELEC/TON
12, 0V
C714
C682
C718 47μ35
C681 0, 056
C680 6800P
C679 0, 056
C678 6800P
C677 1000P
C676 6800P
C675 0, 022
C674 2200P
C673 0, 1
IC607 (2/2) POWER AMP
R
0V
C622 330P
C726 22P
-1, 2V
R642 20K
C628 47μ50
-36, 2V
-37, 0V
C620 330P
R634 10K
R636 330
C626 47μ10
C624 100P
R638 2, 2K 1/4W
R640 2, 2K 1/4W
0V
14, 0V
IC607 (1/2)
-36, 4V
-12, 0V
L
C621 330P
C727 22P
R643 1K
R644 470 1/4W
R641 20K
R637 2, 2K 1/4W
R639 2, 2K 1/4W
C623 100P
R635 330
C625 47μ10
C630 4, 7μ100
C627 47μ50
C629 47μ50
R633 10K
C619 330P
R631 470
C617 22μ50
C729 0, 033
C615 0, 1μ50
R625 11K
R737 3, 9K
R629 100K
R739 4, 7K
R627 4, 7K
Q623
Q601
R630 100K
Q622
Q602
R740 4, 7K
R628 4, 7K
R738 3, 9K
R626 11K
R632 470
C618 22μ50
C728 0, 033
C616 0, 1μ50
6, 8V
-37, 0V
37, 0V
3, 0V
R705 2, 2K
Q618
R704 560
D610
C694 2, 2μ50
R702 22K
R703 220K
4, 3V
Q608
7, 3V
Q609
C696 47μ10
R701 100
8, 0V
R700 1K
C695 47μ16
D613
-14, 0V
12, 8V
Q610
13, 5V
C701 1000P
D630
Q621
R707
C702
C755 47μ16
C704 100μ16
R709 10K
R708 100
C703 47μ16
Q611
D615
D616
14, 2V
-31, 4V
12, 5V
-0, 6V
Q612
-15, 0V
-36, 3V
C705 47μ35
R710 10K
Q613
Q614
C706 1000P
R711 10K
5, 8V
-14, 0V


IC601
INPUT SELECTOR
HIT MASTER ON/OFF
REC ON/OFF
CD
TUNER
TAPE PLAY
COM
HIT MASTER OFF
ON
REC OFF
DATA
CLK
NC
ST
GND
BUF
IC603(1/2)
IC603(2/2)
IC605
ELECTRONIC VR /TONE CONTROL
IC604(2/2)
IC604(1/2)
MIC AMP
MIC VOL.
VR601 100KX2
INPUT VOL.
VR602 50K
IC607 (2/2) POWER AMP
IC607 (1/2)
IC606 (1/2)
IC606 (2/2)
9.5dB AMP
Q601
Q602
Q603
Q604
Q605
Q606
Q607
Q608
Q609
Q610
Q611
Q612
Q613
Q614
Q615
Q616
Q617
Q618
Q619
Q620
Q621
Q622
Q623
D626
K601
D633
D631
D614
D621
D622
D635
D623
J601
S. WOOFER
AUX
J602
MIC IN
J606
J605
J603
HEAD PHONES
J604
SP-OUT DIN 30W (13. 4V/6Ω)
J607
J608
WH601
CN404
BIAS +12V
BIAS GND
-30V
AC (FL)
AC (FL)
F. OFF
SPEANA
PROTECT
MUTE
POWER
D. GND
5. 6V
SRDY
TRCLK
RXDT
TXDT
12. 8V
12. 0V
14. 0V
-14. 0V
-37. 0V
37. 0V
-31. 4V
5. 8V

X29-25xx-xx (A/2)

DESTINATION		UNIT	C697, 698	C800~802
COUNTRY	ABB.			
PX	Y	20-21	0. 01	NO
GENERAL MARKET	M			
AUSTRALIA	X	20-71		
ENGLAND	T	32-70	0. 1	YES
EUROPE	E			
GERMANY	G			

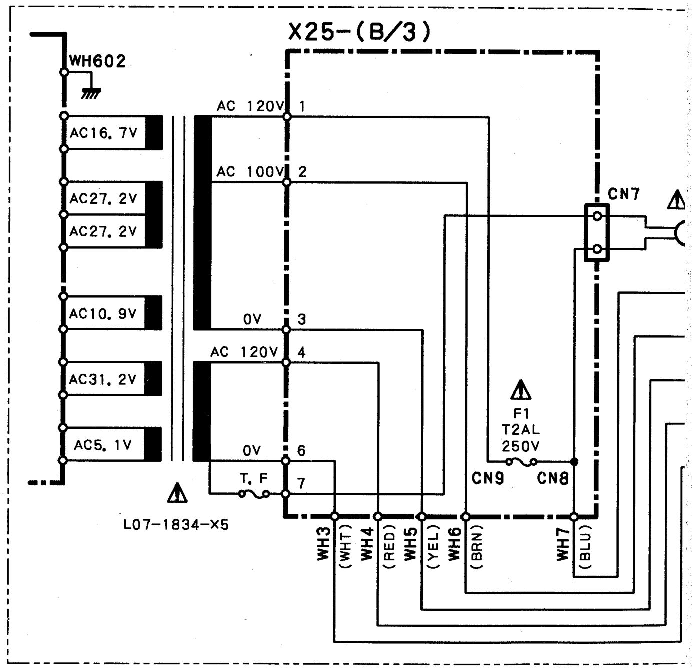
X29-(A/2)

IC601 :N
IC602 :C
IC603, 604 :N
IC605 :U
IC606 :N
IC607 :S

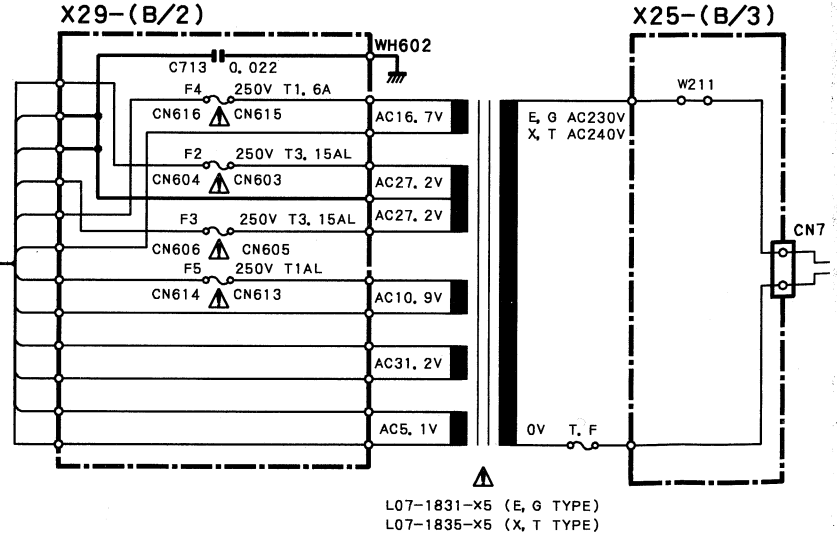
Q601, 602, 622, 623 :2
Q603, 612, 613 :2
Q604, 605 :2
Q606 :2
Q607, 609, 611, 616 617, 619~621 :2
Q608, 610, 614, 615 :2
Q618 :D

D601~604, 606~609 630, 632, 634 :M
D605 :H
D610 :H
D611, 612, 623, 635 :S
D613 :H
D614 :D
D615, 616 :H
D621, 622, 626, 627 :1
D625 :H
D631, 633 :K

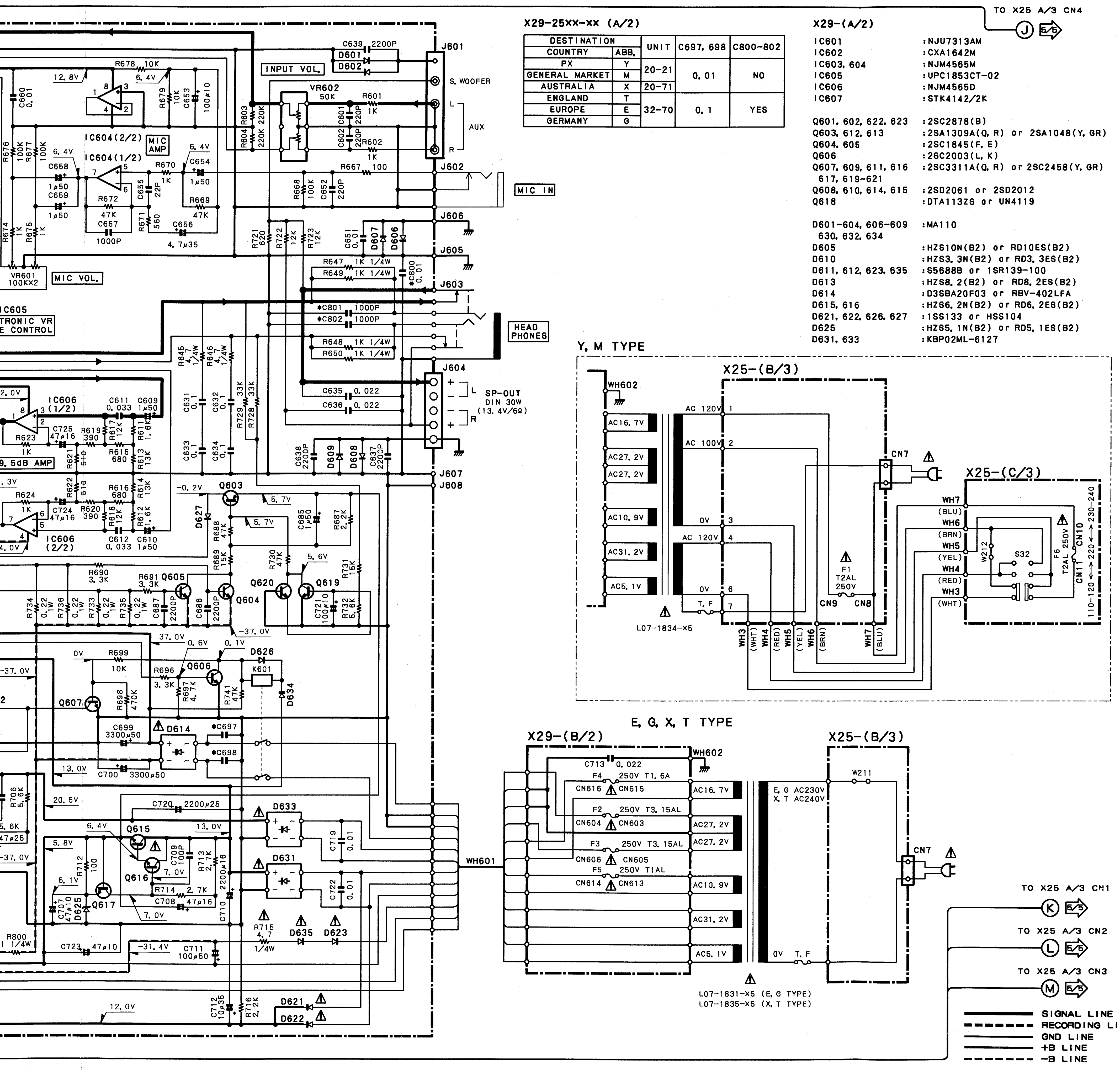
Y, M TYPE


X25-(B/3)
WH602
AC16. 7V
AC27. 2V
AC27. 2V
AC10. 9V
AC31. 2V
AC5. 1V
AC 120V
AC 100V
0V
AC 120V
0V
T. F
F1 T2AL 250V
CN9
CN8
CN7
L07-1834-X5
WH3
WH4
WH5
WH6
WH7
(WHT)
(RED)
(YEL)
(BRN)
(BLU)

E, G, X, T TYPE


X29-(B/2)
X25-(B/3)
WH602
C713 0. 022
F4 250V T1. 6A
CN616 CN615
F2 250V T3. 15AL
CN604 CN603
F3 250V T3. 15AL
CN606 CN605
F5 250V T1AL
CN614 CN613
AC16. 7V
AC27. 2V
AC27. 2V
AC10. 9V
AC31. 2V
AC5. 1V
E, G AC230V
X, T AC240V
0V
T. F
W211
CN7

L07-1831-X5 (E, G TYPE)
L07-1835-X5 (X, T TYPE)


TO X25 A/3 CN4
J
5/5
J601
S. WOOFER
AUX
INPUT VOL.
VR602 50K
J602
MIC IN
MIC AMP
IC604(2/2)
IC604(1/2)
MIC VOL.
VR601 100KX2
IC605
TRONIC VR
E CONTROL
J606
J605
J603
HEAD PHONES
J604
SP-OUT DIN 30W (13.4V/6Ω)
IC606 (1/2)
IC606 (2/2)
9.5dB AMP
J607
J608
Q603
Q604
Q605
Q606
Q607
Q615
Q616
Q617
Q619
Q620
D614
D621
D622
D623
D626
D631
D633
D634
D635
K601
WH601
Y, M TYPE
X25-(B/3)
WH602
AC16.7V
AC27.2V
AC27.2V
AC10.9V
AC31.2V
AC5.1V
AC 120V 1
AC 100V 2
0V 3
AC 120V 4
0V 6
T.F 7
CN7
F1 T2AL 250V
CN9
CN8
L07-1834-X5
X25-(C/3)
WH7 (BLU)
WH6 (BRN)
WH5 (YEL)
WH4 (RED)
WH3 (WHT)
W212
S32
F6 T2AL 250V
CN10
CN11
110-120
220
230-240
E, G, X, T TYPE
X29-(B/2)
C713 0.022
F4 250V T1.6A
CN616 CN615
F2 250V T3.15AL
CN604 CN603
F3 250V T3.15AL
CN606 CN605
F5 250V T1AL
CN614 CN613
E, G AC230V
X, T AC240V
0V T.F
W211
L07-1831-X5 (E, G TYPE)
L07-1835-X5 (X, T TYPE)
TO X25 A/3 CN1
K
TO X25 A/3 CN2
L
TO X25 A/3 CN3
M
SIGNAL LINE
RECORDING LINE
GND LINE
+B LINE
-B LINE

X29-25xx-xx (A/2)

DESTINATION		UNIT	C697, 698	C800~802
COUNTRY	ABB.			
PX	Y	20-21	0.01	NO
GENERAL MARKET	M			
AUSTRALIA	X	20-71		
ENGLAND	T	32-70	0.1	YES
EUROPE	E			
GERMANY	G			

X29-(A/2)

IC601	:NJU7313AM
IC602	:CXA1642M
IC603, 604	:NJM4565M
IC605	:UPC1853CT-02
IC606	:NJM4565D
IC607	:STK4142/2K
Q601, 602, 622, 623	:2SC2878(B)
Q603, 612, 613	:2SA1309A(Q, R) or 2SA1048(Y, GR)
Q604, 605	:2SC1845(F, E)
Q606	:2SC2003(L, K)
Q607, 609, 611, 616 617, 619~621	:2SC3311A(Q, R) or 2SC2458(Y, GR)
Q608, 610, 614, 615	:2SD2061 or 2SD2012
Q618	:DTA113ZS or UN4119
D601~604, 606~609 630, 632, 634	:MA110
D605	:HZS10N(B2) or RD10ES(B2)
D610	:HZS3.3N(B2) or RD3.3ES(B2)
D611, 612, 623, 635	:S5688B or 1SR139-100
D613	:HZS8.2(B2) or RD8.2ES(B2)
D614	:D3SBA20F03 or RBV-402LFA
D615, 616	:HZS6.2N(B2) or RD6.2ES(B2)
D621, 622, 626, 627	:1SS133 or HSS104
D625	:HZS5.1N(B2) or RD5.1ES(B2)
D631, 633	:KBP02ML-6127

KENWOOD follows a policy of continuous advancements in development.
For this reason specifications may be changed without notice.
DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

KENWOOD poursuit une politique de progrès constants en ce qui concerne le développement.
Pour cette raison, les spécifications sont sujettes à modifications sans préavis.
La marque DOLBY et le double "D" sont des marques déposées des Dolby Laboratories.
Le système de réduction du bruit de fond est fabriqué sous license des Dolby Laboratories.

KENWOOD strebt ständige Verbesserungen in der Entwicklung an.
Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.
DOLBY und Doppel-D-Symbol sind eingetragene Warenzeichen der Dolby Laboratories.
Dolby-Rauschunterdrückung mit Lizenz der Dolby Laboratories gefertigt.

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

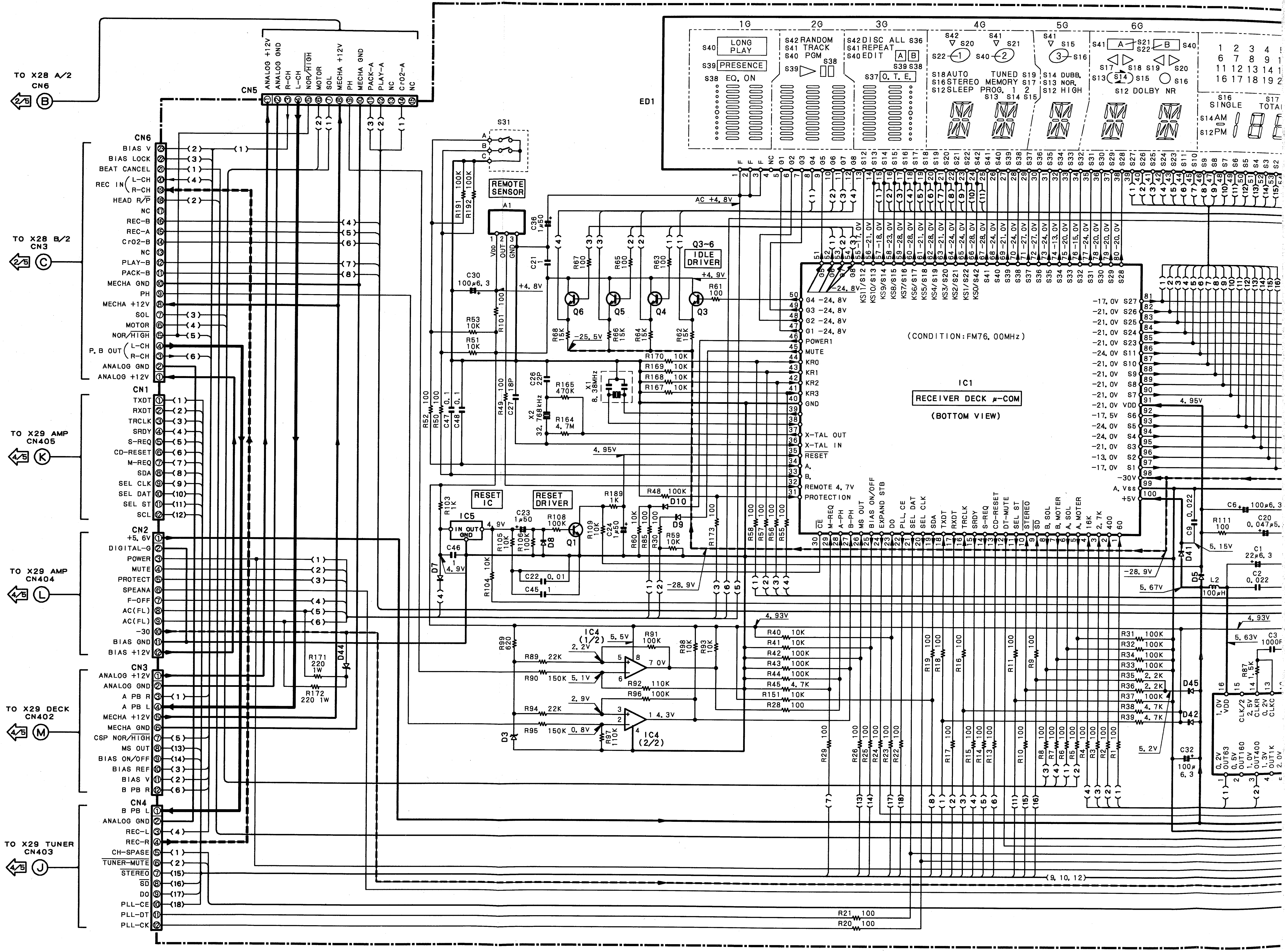
Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

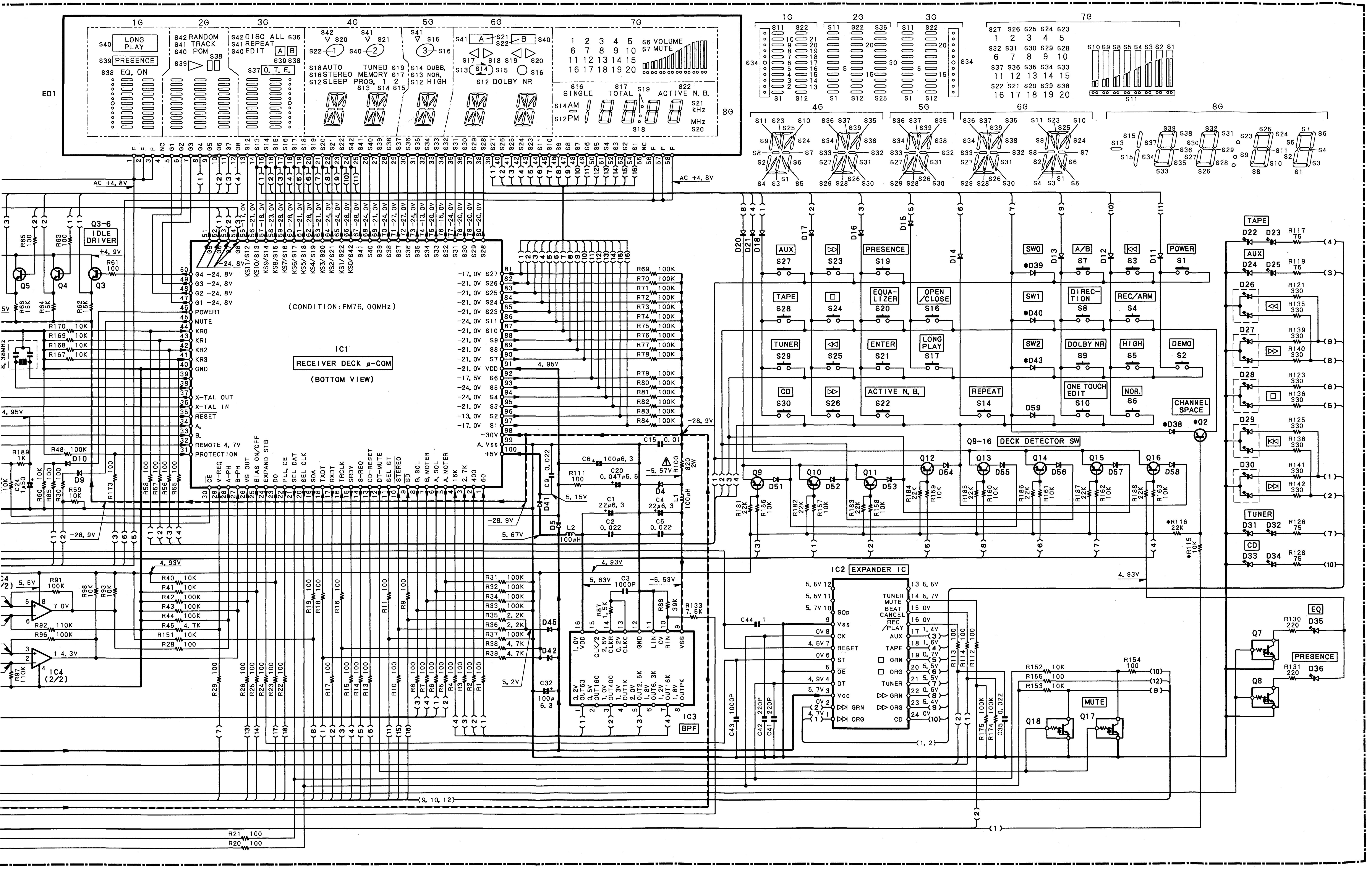
RXD-C2/L

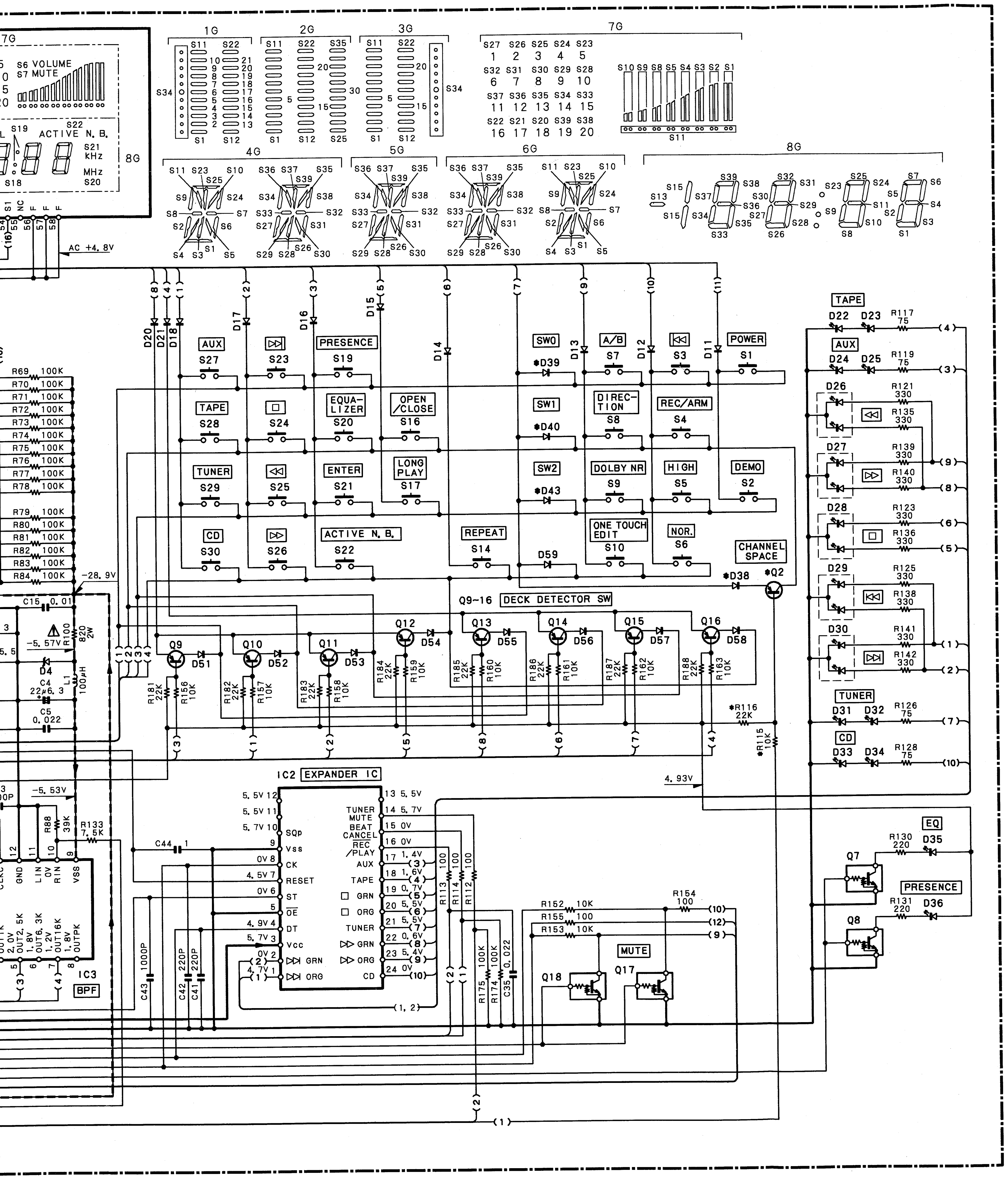
KENWOOD

DISPLAY UNIT X25-559X-XX (A/3)


TO X28 A/2 CN6
B
TO X28 B/2 CN3
C
TO X29 AMP CN405
K
TO X29 AMP CN404
L
TO X29 DECK CN402
M
TO X29 TUNER CN403
J
CN5
ANALOG +12V
ANALOG GND
R-CH
L-CH
NOR/HIGH
MOTOR
SOL
MECHA +12V
PH
MECHA GND
PACK-A
PLAY-A
NC
CrO2-A
NC
CN6
BIAS V
BIAS LOCK
BEAT CANCEL
REC IN L-CH
R-CH
HEAD R/P
NC
REC-B
REC-A
CrO2-B
NC
PLAY-B
PACK-B
MECHA GND
PH
MECHA +12V
SOL
MOTOR
NOR/HIGH
P.B OUT L-CH
R-CH
ANALOG GND
ANALOG +12V
CN1
TXDT
RXDT
TRCLK
SRDY
S-REQ
CD-RESET
M-REQ
SDA
SEL CLK
SEL DAT
SEL ST
SCL
CN2
+5.6V
DIGITAL-G
POWER
MUTE
PROTECT
SPEANA
F-OFF
AC(FL)
AC(FL)
-30
BIAS GND
BIAS +12V
CN3
ANALOG +12V
ANALOG GND
A PB R
A PB L
MECHA +12V
MECHA GND
CSP NOR/HIGH
MS OUT
BIAS ON/OFF
BIAS REF
BIAS V
B PB R
CN4
B PB L
ANALOG GND
REC-L
REC-R
CH-SPASE
TUNER-MUTE
STEREO
SD
DO
PLL-CE
PLL-DT
PLL-CK
S31
REMOTE SENSOR
A1
IDLE DRIVER
Q3-6
Q6 Q5 Q4 Q3
RESET IC
IC5
RESET DRIVER
Q1
D7 D8 D9 D10 D3 D44
IC4 (1/2)
IC4 (2/2)
X1 8.38MHz
X2 32.768kHz
ED1
1G 2G 3G 4G 5G 6G
LONG PLAY
PRESENCE
EQ. ON
RANDOM
TRACK
PGM
DISC ALL
REPEAT
EDIT
O.T.E.
AUTO
STEREO
SLEEP
TUNED
MEMORY
PROG.
DUBB.
NOR.
HIGH
DOLBY NR
SINGLE
TOTAL
AM
PM
IC1
RECEIVER DECK μ-COM
(BOTTOM VIEW)
(CONDITION:FM76.00MHz)
G4 -24.8V
G3 -24.8V
G2 -24.8V
G1 -24.8V
POWER1
MUTE
KR0
KR1
KR2
KR3
GND
X-TAL OUT
X-TAL IN
RESET
A.
B.
REMOTE 4.7V
PROTECTION
VDD
A.Vss
+5V
-30V
AC +4.8V
+4.8V
+4.9V
-25.5V
4.95V
-28.9V
4.93V
5.67V
5.15V
5.63V
5.2V
D41 D5 D45 D42
L2 100μH
(9,10,12)

-559x-xx (A/3)


ED1
1G 2G 3G 4G 5G 6G 7G 8G
LONG PLAY
PRESENCE
EQ. ON
S42 RANDOM
S41 TRACK
S40 PGM
S42 DISC ALL S36
S41 REPEAT
S40 EDIT
O. T. E.
S18 AUTO
S16 STEREO
S12 SLEEP
TUNED
MEMORY
PROG.
S14 DUBB.
S13 NOR.
S12 HIGH
S12 DOLBY NR
S6 VOLUME
S7 MUTE
SINGLE
TOTAL
ACTIVE N. B.
AM
PM
kHz
MHz
AC +4. 8V
Q3-6
IDLE DRIVER
Q5 Q4 Q3
(CONDITION:FM76. 00MHz)
IC1
RECEIVER DECK μ-COM
(BOTTOM VIEW)
G4 -24. 8V
G3 -24. 8V
G2 -24. 8V
G1 -24. 8V
POWER1
MUTE
KR0
KR1
KR2
KR3
GND
X-TAL OUT
X-TAL IN
RESET
A.
B.
REMOTE 4. 7V
PROTECTION
CE
M-REQ
A-PH
B-PH
MS OUT
BIAS ON/OFF
EXPAND STB
DO
PLL CE
SEL DAT
SEL CLK
SDA
TXDT
RXDT
TRCLK
SRDY
S-REQ
CD-RESET
DT-MUTE
SEL ST
STEREO
SD
B. SOL
B. MOTER
A. SOL
A. MOTER
VDD
A. Vss
+5V
-30V
IC2 EXPANDER IC
SQD
Vss
CK
RESET
ST
OE
DT
Vcc
GRN
ORG
TUNER MUTE
BEAT CANCEL
REC /PLAY
AUX
TAPE
TUNER
CD
IC3
BPF
IC4 (2/2)
AUX S27
S23
PRESENCE S19
TAPE S28
S24
EQUA-LIZER S20
OPEN /CLOSE S16
TUNER S29
S25
ENTER S21
LONG PLAY S17
CD S30
S26
ACTIVE N. B. S22
SW0
A/B S7
S3
POWER S1
SW1
DIREC-TION S8
REC/ARM S4
SW2
DOLBY NR S9
HIGH S5
DEMO S2
REPEAT S14
ONE TOUCH EDIT S10
NOR. S6
CHANNEL SPACE
Q9-16 DECK DETECTOR SW
TAPE
AUX
TUNER
CD
EQ
PRESENCE
MUTE
Q7 Q8 Q17 Q18
4. 93V
-28. 9V
5. 67V
5. 15V
4. 95V


1G
2G
3G
4G
5G
6G
7G
8G
S6 VOLUME
S7 MUTE
ACTIVE N. B.
kHz
MHz
AC +4. 8V
AUX S27
S23
PRESENCE S19
SW0 *D39
A/B S7
S3
POWER S1
TAPE S28
S24
EQUA-LIZER S20
OPEN /CLOSE S16
SW1 *D40
DIREC-TION S8
REC/ARM S4
TUNER S29
S25
ENTER S21
LONG PLAY S17
SW2 *D43
DOLBY NR S9
HIGH S5
DEMO S2
CD S30
S26
ACTIVE N. B. S22
REPEAT S14
D59
ONE TOUCH EDIT S10
NOR. S6
CHANNEL SPACE
*D38
*Q2
Q9-16 DECK DETECTOR SW
Q9 Q10 Q11 Q12 Q13 Q14 Q15 Q16
D51 D52 D53 D54 D55 D56 D57 D58
*R116 22K
*R115 10K
TAPE
AUX
TUNER
CD
IC2 EXPANDER IC
4. 93V
-28. 9V
-5. 57V
-5. 53V
IC3
BPF
EQ
PRESENCE
Q7
Q8
MUTE
Q17
Q18

X25-(A/3)

IC1	:M38197MA-088FP
IC2	:M66310FP
IC3	:XR-1091ECP
IC4	:BA10393F
IC5	:S-80740AL
Q1, 3~6	:2SC2412K
Q2, 9~16	:2SA1037K
Q7, 8, 17, 18	:DTC124EU
D3	:HZS2. 7N(B2) or RD2. 7ES(B2)
D4, 44	:HZS5. 6N(B2) or RD5. 6ES(B2)
D5, 7, 9~18, 20, 21, 42	:1SS131 or HSS104A
D8, 38~41, 43, 45, 51~59	:MA111
D22~25, 31~36	:B30-2462-05
D26~30	:B30-2463-05
ED1	:FIP8QMW5R

X25-559X-XX (A/3)

DESTINATION		UNIT	R115 R116	Q2	D38	D39	D40	D43
COUNTRY	ABB.							
PX	Y	0-21	YES	YES	YES	YES	NO	NO
GENERAL MARKET	M							
AUSTRALIA	X	0-71	NO	NO	NO		YES	
ENGLAND	T	2-71				NO	NO	YES
EUROPE	E							
GERMANY	G							

SIGNAL LINE
RECORDING LINE
GND LINE
+B LINE
-B LINE

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

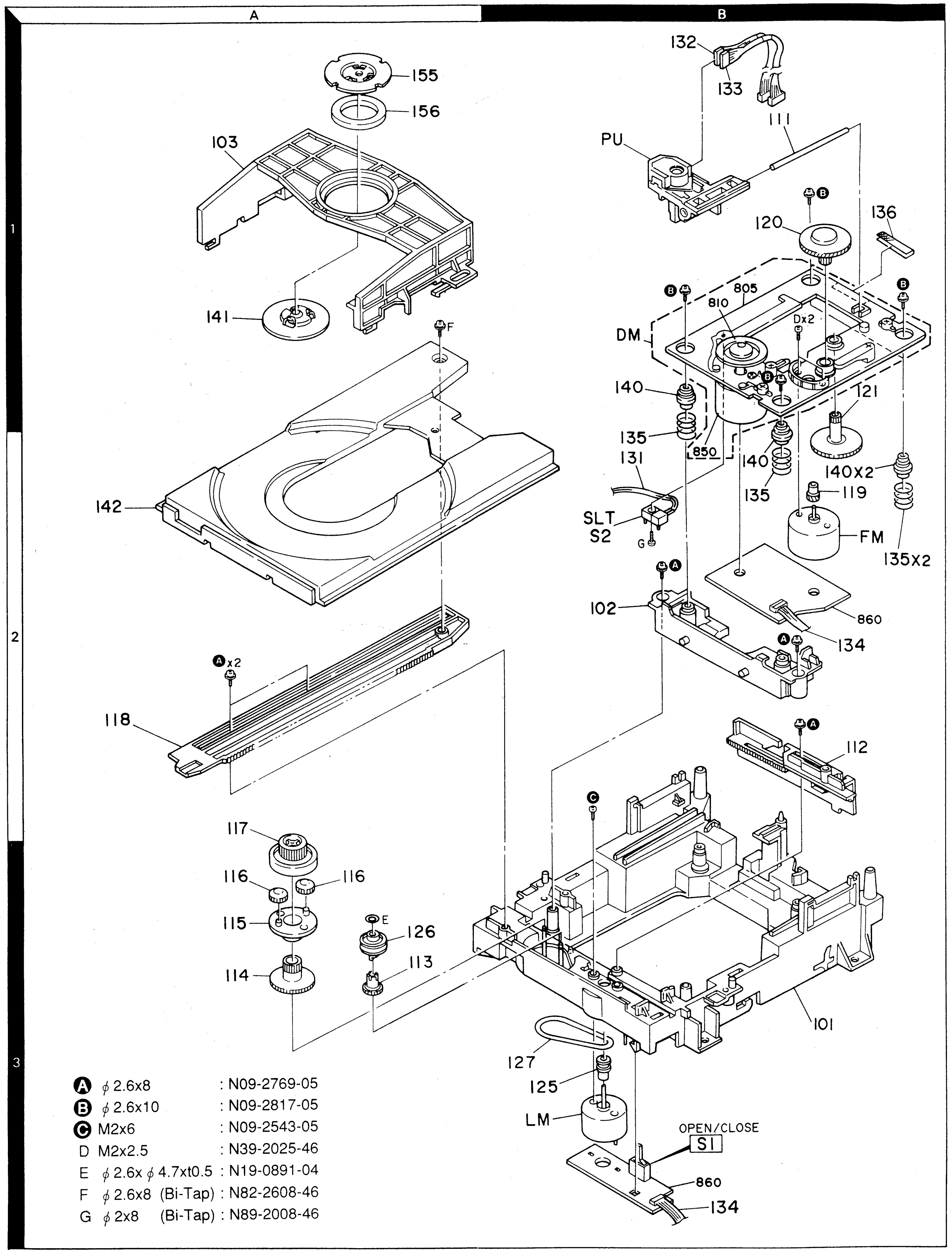
5/5

Y39-2110-21

RXD-C2/L

KENWOOD

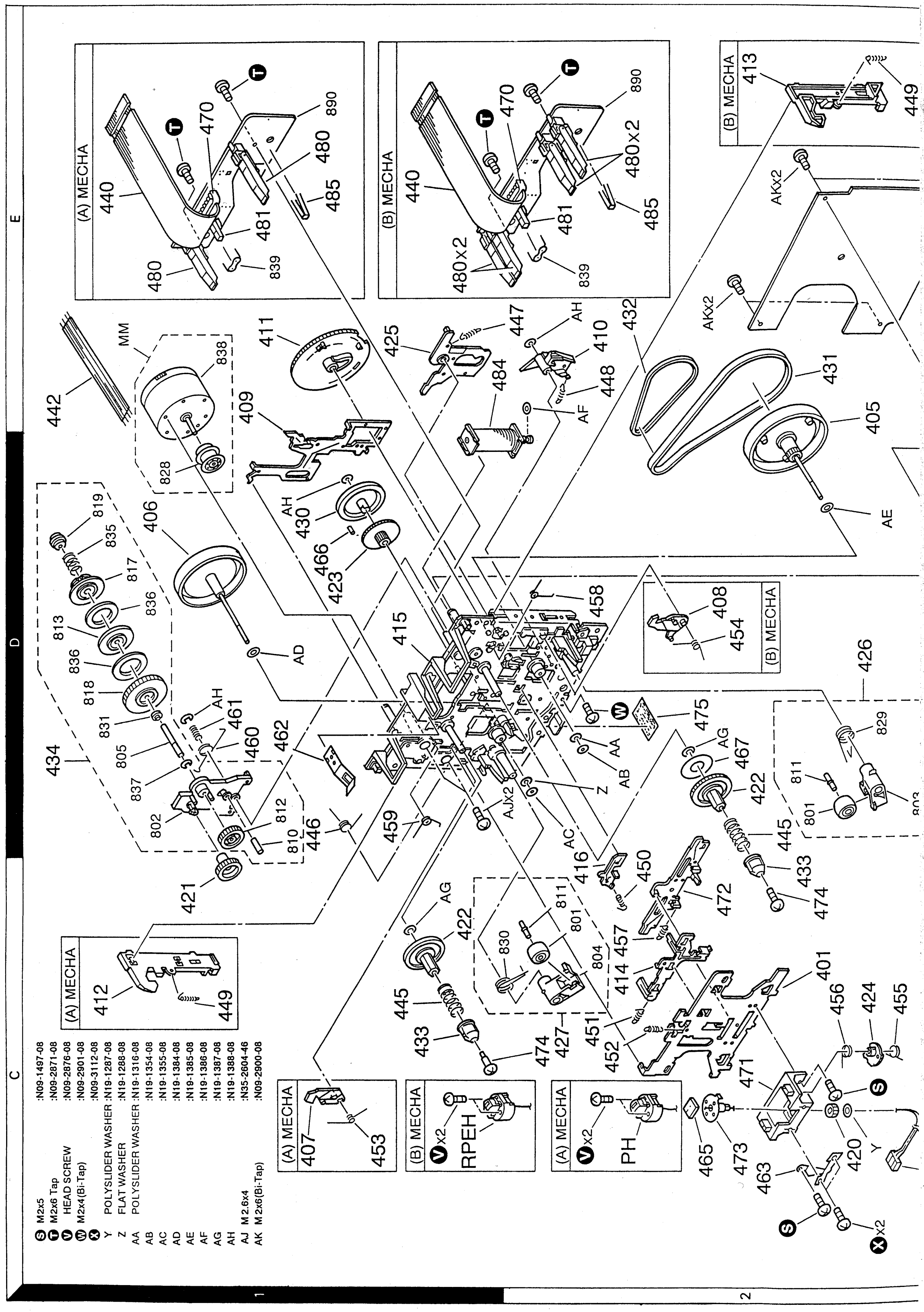
EXPLODED VIEW(CD MECHANISM)


A
B
1
2
3
132
133
155
156
103
PU
111
120
136
141
805
810
DM
DX2
F
140
121
135
131
850
140
140X2
135
119
SLT
S2
G
FM
135X2
102
860
134
142
118
x2
112
117
116
116
115
126
E
113
114
127
125
LM
101
OPEN/CLOSE
S1
860
134

Ⓐ φ 2.6x8 : N09-2769-05
Ⓑ φ 2.6x10 : N09-2817-05
Ⓒ M2x6 : N09-2543-05
D M2x2.5 : N39-2025-46
E φ 2.6x φ 4.7xt0.5 : N19-0891-04
F φ 2.6x8 (Bi-Tap) : N82-2608-46
G φ 2x8 (Bi-Tap) : N89-2008-46

Parts with the exploded numbers larger than 700 are not supplied.

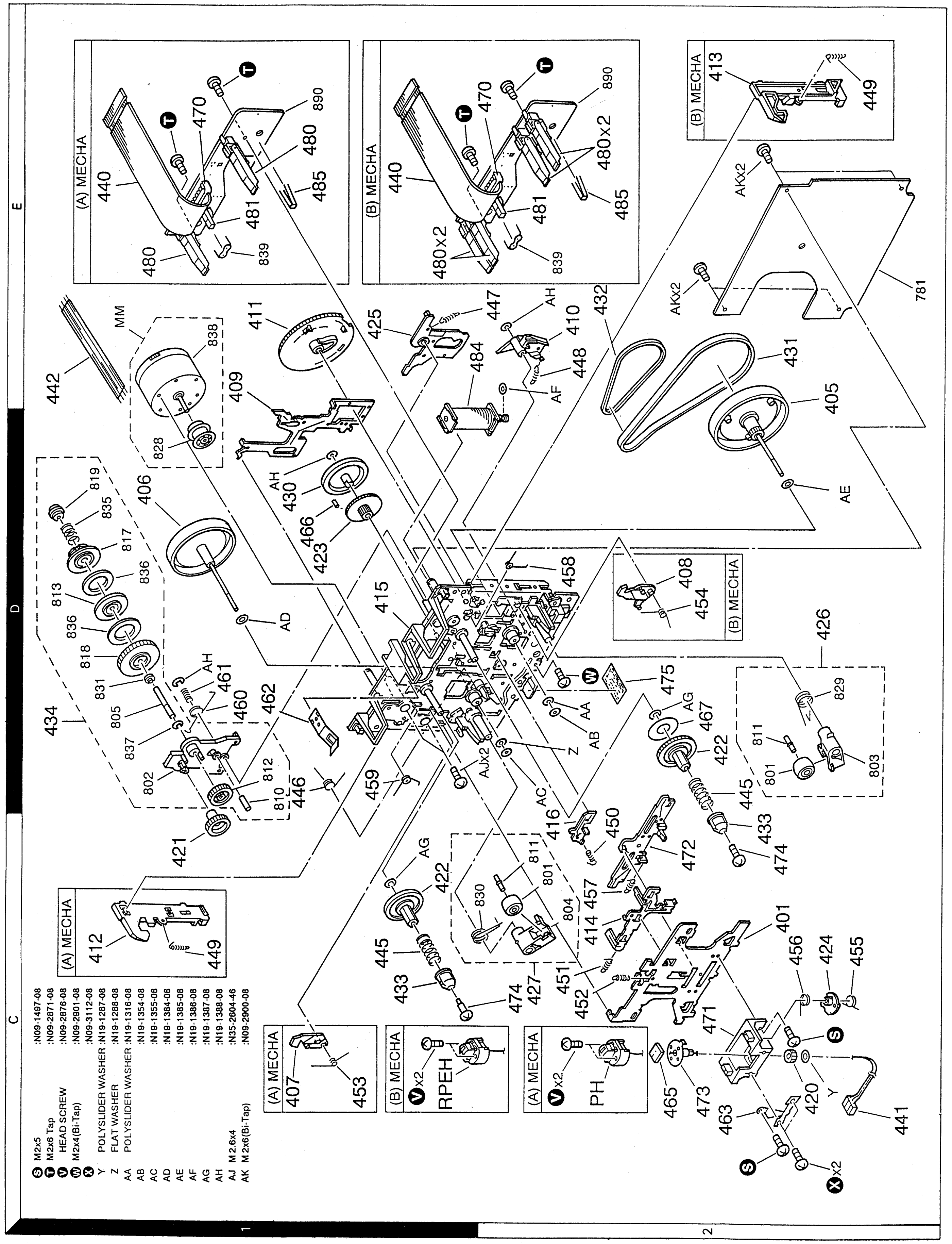
EXPLODED VIEW(CASSETTE DECK MECHANISM)


(A) MECHA
440
470
890
480
485
481
839
480
(B) MECHA
440
470
890
480X2
485
481
839
480X2
(B) MECHA
413
449
AKX2
AKX2
442
MM
838
828
411
409
425
447
AH
410
484
448
AF
432
431
405
AE
406
819
835
817
836
813
836
818
831
805
837
802
430
AH
466
423
415
AD
458
(B) MECHA
408
454
426
829
811
801
AH
461
460
462
812
810
446
459
434
421
475
W
AA
AB
AG
467
Z
422
AJX2
AC
445
433
474
416
450
472
AG
422
830
811
801
804
414
457
445
433
474
427
451
452
401
456
424
455
471
(A) MECHA
412
449
(A) MECHA
407
453
(B) MECHA
V x2
RPEH
(A) MECHA
V x2
PH
465
473
463
420
Y
X x2
C
D
E
1
2

Ⓢ M2x5 :N09-1497-08
Ⓣ M2x6 Tap :N09-2871-08
Ⓥ HEAD SCREW :N09-2876-08
Ⓦ M2x4(Bi-Tap) :N09-2901-08
Ⓧ :N09-3112-08
Y POLYSLIDER WASHER :N19-1287-08
Z FLAT WASHER :N19-1288-08
AA POLYSLIDER WASHER :N19-1316-08
AB :N19-1354-08
AC :N19-1355-08
AD :N19-1384-08
AE :N19-1385-08
AF :N19-1386-08
AG :N19-1387-08
AH :N19-1388-08
AJ M 2.6x4 :N35-2604-46
AK M 2x6(Bi-Tap) :N09-2900-08

Parts with the exploded numbers larger than 700 are not

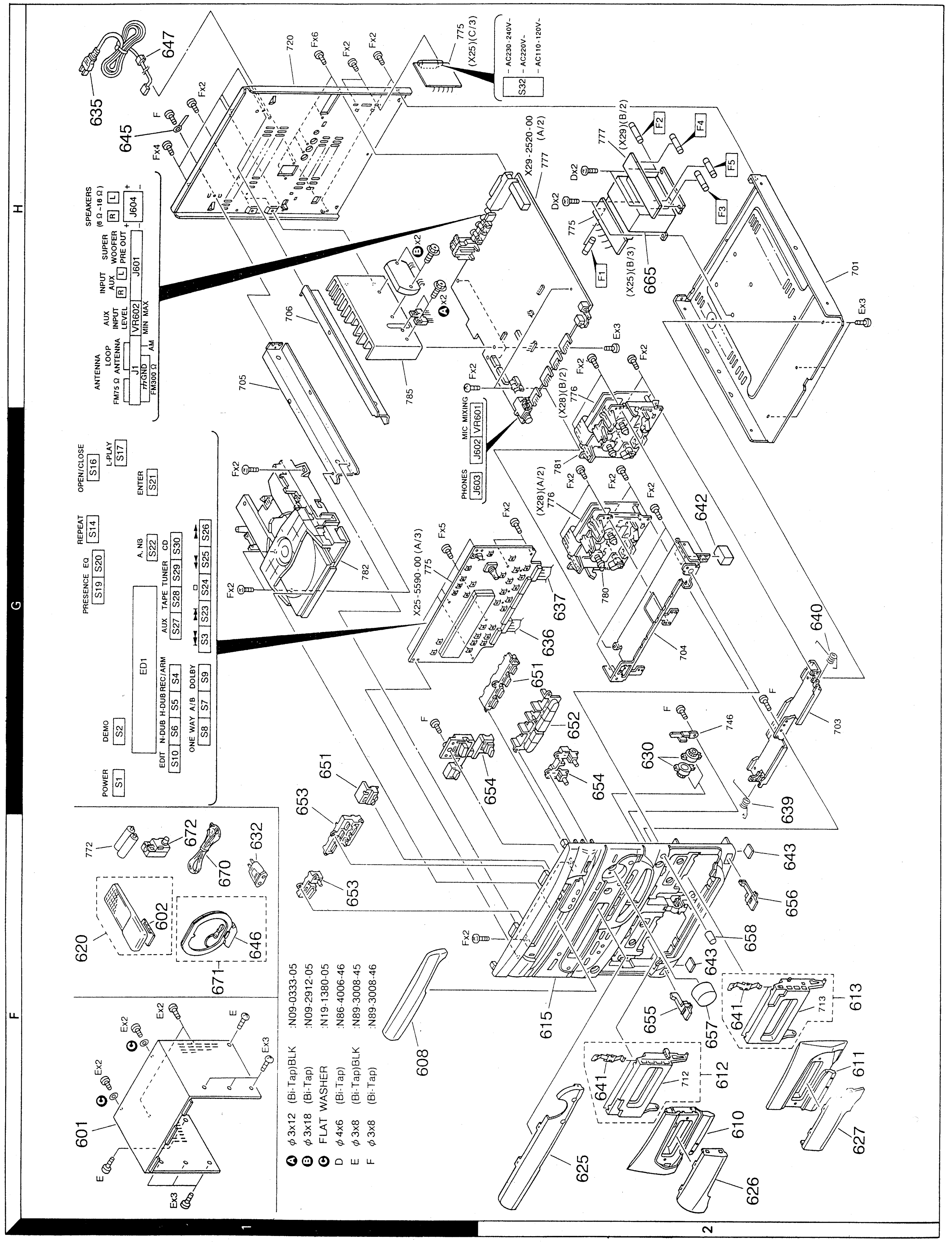
EXPLODED VIEW(CASSETTE DECK MECHANISM)


(A) MECHA
(B) MECHA
440
470
890
480
485
481
839
480x2
413
449
442
MM
838
828
409
411
425
447
AH
410
432
484
448
AF
431
405
AE
AKx2
781
819
835
817
836
813
818
831
805
837
802
812
810
446
421
434
406
AD
430
466
423
415
458
408
454
426
829
811
801
803
461
460
462
459
AJx2
AA
AB
Z
AC
475
AG
467
422
445
433
474
416
450
472
830
804
457
414
427
451
452
401
456
424
455
412
407
453
V x2
RPEH
PH
465
473
463
420
Y
441
S
X x2
W
T
C
D
E
1
2

Ⓢ	M2x5	:N09-1497-08
Ⓣ	M2x6 Tap	:N09-2871-08
Ⓥ	HEAD SCREW	:N09-2876-08
Ⓦ	M2x4(Bi-Tap)	:N09-2901-08
Ⓧ		:N09-3112-08
Y	POLYSLIDER WASHER	:N19-1287-08
Z	FLAT WASHER	:N19-1288-08
AA	POLYSLIDER WASHER	:N19-1316-08
AB		:N19-1354-08
AC		:N19-1355-08
AD		:N19-1384-08
AE		:N19-1385-08
AF		:N19-1386-08
AG		:N19-1387-08
AH		:N19-1388-08
AJ	M 2.6x4	:N35-2604-46
AK	M 2x6(Bi-Tap)	:N09-2900-08

Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW(UNIT)


647
635
645
Fx2
F
Fx4
720
Fx6
775
(X25)(C/3)
S32
- AC230 - 240V-
- AC220V-
- AC110 - 120V-
X29-2520-00
(A/2)
777
Dx2
(X29)(B/2)
F2
F4
F5
F3
F1
(X25)(B/3)
665
701
Ex3
SPEAKERS
(6 Ω - 16 Ω)
R
L
J604
SUPER WOOFER PRE OUT
J601
INPUT AUX
AUX INPUT LEVEL
VR602
MIN MAX
ANTENNA
LOOP ANTENNA
FM75 Ω
J1
GND
FM300 Ω
AM
706
705
785
Bx2
Ax2
Fx2
MIC MIXING
VR601
PHONES
J602
J603
(X28)(B/2)
776
(X28)(A/2)
781
780
642
704
640
703
639
643
656
658
657
613
611
627
626
610
612
641
713
712
655
615
608
625
OPEN/CLOSE
S16
L-PLAY
S17
ENTER
S21
REPEAT
S14
PRESENCE EQ
S19
S20
A, NB
S22
AUX TAPE TUNER CD
S27
S28
S29
S30
S3
S23
S24
S25
S26
ED1
DEMO
S2
POWER
S1
EDIT N-DUB H-DUB REC/ARM
S10
S6
S5
S4
ONE WAY A/B DOLBY
S8
S7
S9
782
X25-5590-00 (A/3)
Fx5
637
636
651
652
654
746
630
653
772
672
670
632
620
602
646
671
601
G
E
Ex2
Ex3
H
1
2

Ⓐ	φ3x12	(Bi-Tap)BLK	:N09-0333-05
Ⓑ	φ3x18	(Bi-Tap)	:N09-2912-05
Ⓒ	FLAT WASHER		:N19-1380-05
D	φ4x6	(Bi-Tap)	:N86-4006-46
E	φ3x8	(Bi-Tap)BLK	:N89-3008-45
F	φ3x8	(Bi-Tap)	:N89-3008-46

Parts with the exploded numbers larger than 700 are not supplied.

No.1

- * New Parts

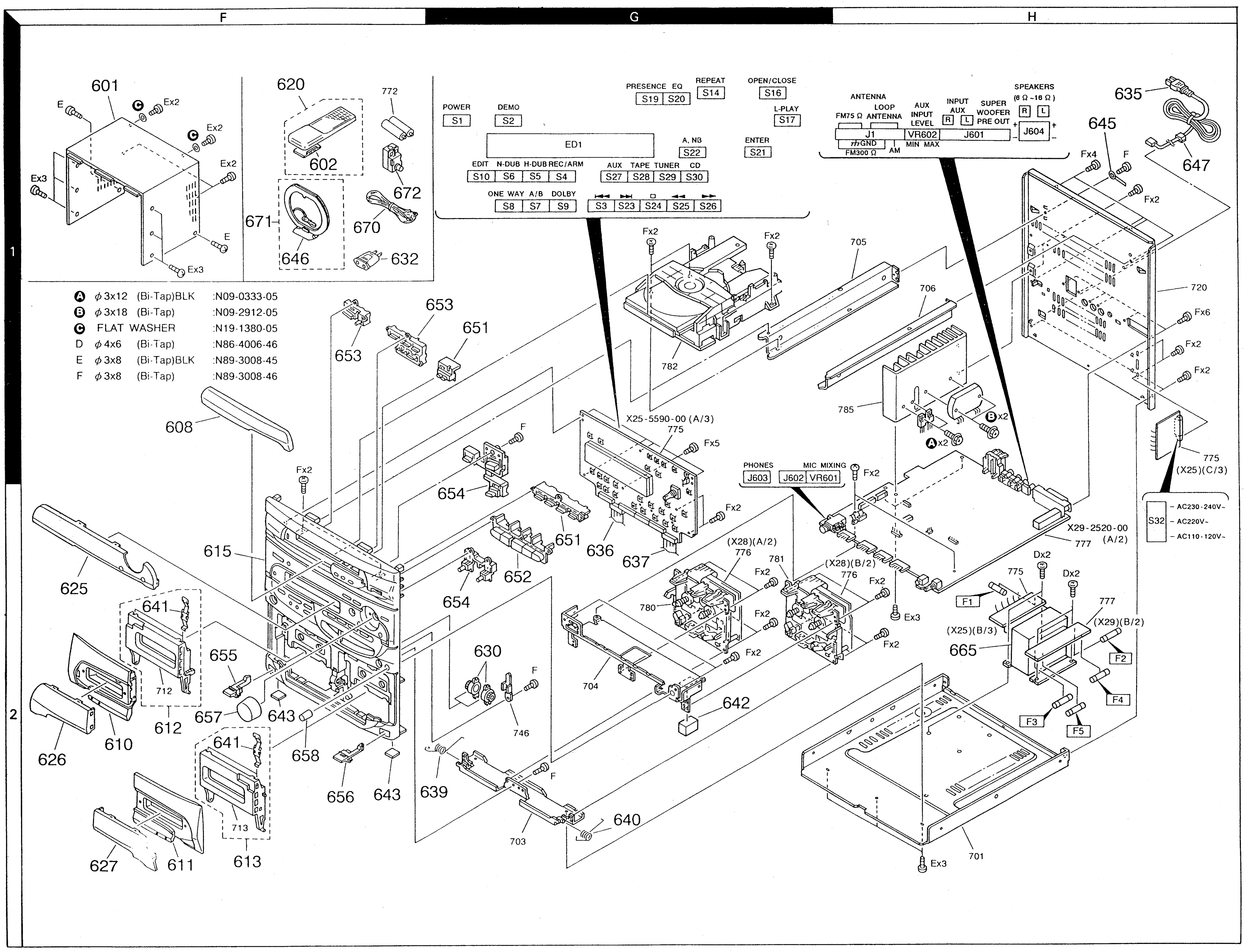
Parts without Parts No. are not supplied.

Les articles non mentionnes dans le Parts No. ne sont pas fournis.

upplied.

RXD-C2/L

EXPLODED VIEW(UNIT)


F
G
H
1
2
601
E
Ex2
Ex3
620
772
602
672
670
671
646
632
POWER
S1
DEMO
S2
ED1
EDIT N-DUB H-DUB REC/ARM
S10 S6 S5 S4
ONE WAY A/B DOLBY
S8 S7 S9
PRESENCE EQ
S19 S20
REPEAT
S14
A. NB
S22
AUX TAPE TUNER CD
S27 S28 S29 S30
S3 S23 S24 S25 S26
OPEN/CLOSE
S16
L-PLAY
S17
ENTER
S21
ANTENNA
FM75 Ω
LOOP ANTENNA
J1
GND
FM300 Ω
AM
AUX INPUT LEVEL
VR602
MIN MAX
INPUT AUX
R L
J601
SUPER WOOFER PRE OUT
SPEAKERS (6 Ω ~16 Ω)
R L
J604
635
645
647
Fx4
Fx2
Fx6
720
705
706
782
785
653
651
608
654
X25-5590-00 (A/3)
775
Fx5
PHONES
J603
MIC MIXING
J602 VR601
X29-2520-00 (A/2)
777
775
(X25)(C/3)
S32
AC230-240V~
AC220V~
AC110-120V~
615
625
641
712
655
612
657
643
610
626
613
713
627
611
658
656
639
630
746
652
636
637
(X28)(A/2)
776
781
(X28)(B/2)
780
Ex3
704
642
703
640
Dx2
F1
(X25)(B/3)
665
(X29)(B/2)
F2
F4
F3
F5
701

- Ⓐ φ3x12 (Bi-Tap)BLK :N09-0333-05
- Ⓑ φ3x18 (Bi-Tap) :N09-2912-05
- Ⓒ FLAT WASHER :N19-1380-05
- D φ4x6 (Bi-Tap) :N86-4006-46
- E φ3x8 (Bi-Tap)BLK :N89-3008-45
- F φ3x8 (Bi-Tap) :N89-3008-46

Parts with the exploded numbers larger than 700 are not supplied.

RXD-C2/L

PARTS LIST

DISTINATION		DISPLAY UNIT	RECORD/PLAYBACK UNIT	MAIN UNIT-TUNER (T,E,G TYPE)	MAIN UNIT-TUNER (Y,M,X TYPE)
CHINESE MADE	E	X25-5592-71	X28-2620-00	X29-2532-70	–
	G	X25-5592-71	X28-2620-00	X29-2532-70	–
	Y	X25-5590-21	X28-2620-00	–	X29-2520-21
	M	X25-5590-21	X28-2620-00	–	X29-2520-21
	X	X25-5590-71	X28-2620-00	–	X29-2520-71
	T	X25-5592-71	X28-2620-00	X29-2532-70	–

⁎ New Parts
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Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

No.1

	Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti-nation 仕向	Re-marks 備考
	RXD-C2/L						
	601	1F	⁎	A01-3188-01	METALLIC CABINET		
	602	1F		A09-0170-08	BATTERY COVER		
	608	1F	⁎	A29-0386-03	PANEL (CD TRAY)		
	610	2F	⁎	A53-1835-02	CASSETTE LID		A
	611	2F	⁎	A53-1836-02	CASSETTE LID		B
	612	2F	⁎	A53-1837-03	CASSETTE HOLDER ASSY		A
	613	2F	⁎	A53-1839-03	CASSETTE HOLDER ASSY		B
	615	2F	⁎	A60-0655-11	PANEL	EGT	
	615	2F	⁎	A60-0656-11	PANEL	YMX	
	620	1F	⁎	A70-1004-05	REMOTE CONTROLLER ASSY(RC-C2)		
			⁎	B60-1808-00	INSTRUCTION MANUAL(FRENCH)	E	
			⁎	B60-1809-00	INSTRUCTION MANUAL(GARMAN)	EG	
			⁎	B60-1811-00	INSTRUCTION MANUAL(DUCH)	E	
			⁎	B60-1812-00	INSTRUCTION MANUAL(ITALIAN)	E	
			⁎	B60-1813-00	INSTRUCTION MANUAL(SPANISH)	EM	
			⁎	B60-1814-00	INSTRUCTION MANUAL(CHINESE)	M	
			⁎	B60-1890-00	INSTRUCTION MANUAL(TAIWNESE)	M	
	625	2F	⁎	B10-2069-03	FRONT GLASS (CENTER)		
	626	2F	⁎	B10-2070-03	FRONT GLASS (LID)		A
	627	2F	⁎	B10-2071-03	FRONT GLASS (LID)		B
	-			B46-0096-53	WARRANTY CARD	X	
	-			B46-0307-23	WARRANTY CARD	Y	
	-			B46-0310-03	WARRANTY CARD	EGT	
	-			B58-0964-13	CAUTION CARD (UL)	Y	
	-			B58-0965-13	CAUTION CARD	XT	
	-			B58-0966-13	CAUTION CARD	EM	
	-			B58-0968-04	CAUTION CARD	Y	
	-			B58-0970-13	CAUTION CARD	G	
	-			B59-1104-00	SERVICE DIRECTORY	Y	
	-			B60-1807-00	INSTRUCTION MANUAL(ENGLISH)	EYMXT	
	630	2G		D39-0316-05	DAMPER		
	632	1F		E03-0115-05	AC PLUG ADAPTER	M	
⚠	635	1H	⁎	E30-2788-05	AC POWER CORD	EGM	
⚠	635	1H	⁎	E30-2789-05	AC POWER CORD	Y	
⚠	635	1H	⁎	E30-2790-05	AC POWER CORD	X	
⚠	635	1H	⁎	E30-2791-05	AC POWER CORD	T	
	636	2G	⁎	E35-1021-05	WIRING HARNESS		A
	637	2G	⁎	E35-1059-05	WIRING HARNESS		B
	639	2G		G01-3733-04	TORSION COIL SPRING		A
	640	2G		G01-3734-04	TORSION COIL SPRING		B
	641	2F		G02-1057-04	FLAT SPRING		
	642	2F		G11-2110-04	CUSHION (15X10XT12)		
	643	2G		G11-2200-04	CUSHION (FOOT:10X10XT2)		
	-		⁎	H10-5901-12	POLYSTYRENE FOAMED FIXTURE		
	-		⁎	H10-5902-12	POLYSTYRENE FOAMED FIXTURE		
	-			H13-0086-04	CARTON BOARD		
	-			H25-0632-24	PROTECTION BAG	EGYMX	
	-			H25-0644-04	PROTECTION BAG (0632 PRINTED)	T	
	-			H25-1509-04	PROTECTION BAG	M	
	-			H25-1536-04	PROTECTION BAG	EGYXT	
	-		⁎	H50-1274-04	ITEM CARTON CASE	EGT	H
	-		⁎	H50-1361-04	ITEM CARTON CASE	Y	H

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⚠ indicates safety critical components.

RXD-C2/L

PARTS LIST

⁎ New Parts
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No.2

	Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti-nation 仕向	Re-marks 備考
	-		*	H50-1362-04	ITEM CARTON CASE	MX	H
	645	1H		J19-2808-05	HOLDER	M	
	646	1F		J19-3645-05	ANTENNA STAND		
⚠	647	1H		J42-0083-05	POWER CORD BUSHING		
	-			J61-0035-05	WIRE BAND		
	651	1G,2G	*	K29-6026-03	KNOB (SELECTER,EQ)		
	652	2G	*	K29-6027-03	KNOB (OPERATION)		
	653	1F,1G	*	K29-6028-03	KNOB (POWER,FUNCTOIN)		
	654	2G	*	K29-6029-02	KNOB (OPE/CLO,REP,ACTIVE NB)		
	655	2F	*	K29-6030-04	KNOB (EJECT)		A
	656	2F	*	K29-6031-04	KNOB (EJECT)		B
	657	2F	*	K29-6032-04	KNOB (VOLUME CONTROL)		
	658	2F	*	K29-6033-04	KNOB (MIC MIXING)		
⚠	665	2H	*	L07-1831-05	POWER TRANSFORMER	EG	
⚠	665	2H	*	L07-1834-05	POWER TRANSFORMER	YM	
⚠	665	2H	*	L07-1835-05	POWER TRANSFORMER	XT	
	670	1A		T90-0182-15	LEAD WIRE ANTENNA		
	671	1A		T90-0195-05	LOOP ANTENNA		
	672	1A		T90-0198-05	ANTENNA ADAPTOR	EGT	
	DISPLAY UNIT(X25-559X-XX)						
	D22 -25			B30-2462-05	LED(GRN)		
	D26 -30			B30-2463-05	LED(TWIN VRPG 561)		
	D31 -36			B30-2462-05	LED(GRN)		
	C1			C90-3210-05	ELECTRO 22UF 6.3WV		
	C2			CK73FB1H223K	CHIP C 0.022UF K		
	C3			CC73FSL1H102J	CHIP C 1000PF J		
	C4			C90-3210-05	ELECTRO 22UF 6.3WV		
	C5			CK73FB1H223K	CHIP C 0.022UF K		
	C6			C90-3214-05	ELECTRO 100UF 6.3WV		
	C9			CK73FB1H223K	CHIP C 0.022UF K		
	C15			CK73FB1H103K	CHIP C 0.010UF K		
	C20			C90-1827-05	ELECTRO 0.047UF 5.5WV		
	C21			CK73FF1C105Z	CHIP C 1.0UF Z		
	C22			CK73FB1H103K	CHIP C 0.010UF K		
	C23 ,24			C90-3253-05	ELECTRO 1UF 50WV		
	C26			CC73FCH1H220J	CHIP C 22PF J		
	C27			CC73FCH1H180J	CHIP C 18PF J		
	C30			C90-3214-05	ELECTRO 100UF 6.3WV		
	C32			C90-3214-05	ELECTRO 100UF 6.3WV		
	C35			CK73FB1H223K	CHIP C 0.022UF K		
	C36			C90-3253-05	ELECTRO 1UF 50WV		
	C41 ,42			CC73FCH1H221J	CHIP C 220PF J		
	C43			CK73FB1H102K	CHIP C 1000PF K		
	C44 -46			CK73FF1C105Z	CHIP C 1.0UF Z		
	C47 ,48			CK73FB1E104K	CHIP C 0.10UF K		
⚠	F1			F06-2021-05	FUSE (SEMKO) (250V T2AL)	YM	
⚠	F6			F06-2021-05	FUSE (SEMKO) (250V T2AL)	YM	
				J19-3719-03	HOLDER		
	CN8 -11			J13-0075-05	FUSE CLIP	YM	
	L1 ,2			L40-1011-17	SMALL FIXED INDUCTOR(100UH,K)		
	X1			L78-0605-05	RESONATOR (8.38MHZ)		

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No.3

	Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti-nation 仕向	Re-marks 備考
	X2			L77-2111-05	CRYSTAL RESONATOR(32.768KHZ)		
⚠	R100			RS14KB3D821J	FL-PROOF RS 820 J 2W		
	R171,172			RS14KB3A221J	FL-PROOF RS 220 J 1W		
	W210			R92-0670-05	CHIP R 0 OHM		
	S1 -10			S40-1064-05	PUSH SWITCH		
	S14			S40-1064-05	PUSH SWITCH		
	S16 ,17			S40-1064-05	PUSH SWITCH		
	S19 -30			S40-1064-05	PUSH SWITCH		
⚠	S32			S31-2322-05	SLIDE SWITCH	YM	
	S31			T99-0548-05	SPEED DETECTOR		
	D3			HZS2.7N(B2)	ZENER DIODE		
	D3			RD2.7ES(B2)	ZENER DIODE		
	D4			HZS5.6N(B2)	ZENER DIODE		
	D4			RD5.6ES(B2)	ZENER DIODE		
	D5			HSS104A	DIODE		
	D5			1SS131	DIODE		
	D7			HSS104A	DIODE		
	D7			1SS131	DIODE		
	D8			MA111	DIODE		
	D9 -18			HSS104A	DIODE		
	D9 -18			1SS131	DIODE		
	D20 ,21			HSS104A	DIODE		
	D20 ,21			1SS131	DIODE		
	D38 ,39			MA111	DIODE	YM	
	D39 -41			MA111	DIODE	X	
	D41			MA111	DIODE	EGYMT	
	D42			HSS104A	DIODE		
	D42			1SS131	DIODE		
	D43			MA111	DIODE	EGT	
	D44			HZS5.6N(B2)	ZENER DIODE		
	D44			RD5.6ES(B2)	ZENER DIODE		
	D45			MA111	DIODE		
	D51 -59			MA111	DIODE		
	ED1			FIP8QMW5R	INDICATOR TUBE		
	IC1		*	M38197MA-088FP	MOS-IC		
	IC2			M66310FP	MOS-IC		
	IC3			XR-1091ECP	IC(GE FILTER)		
	IC4			BA10393F	IC		
	IC5			S-80740AL	IC(VOLTAGE DETECTOR)		
	Q1			2SC2412K	TRANSISTOR		
	Q2			2SA1037K	TRANSISTOR	YM	
	Q3 -6			2SC2412K	TRANSISTOR		
	Q7 ,8			DTC124EU	DIGITAL TRANSISTOR		
	Q9 -16			2SA1037K	TRANSISTOR		
	Q17 ,18			DTC124EU	DIGITAL TRANSISTOR		
	A1			W02-1046-05	ELECTRIC CIRCUIT MODULE		
	A1			W02-1174-05	ELECTRIC CIRCUIT MODULE		
	RECORD/PLAYBACK UNIT(X28-2620-00)						
	C1 ,2			CK45FB1H561K	CERAMIC 560PF K		
	C5 ,6			CE04LW1V100M	ELECTRO 10UF 35WV		
	C7 ,8			CK45FB1H391K	CERAMIC 390PF K		
	C9 ,10			CQ92FM1H223J	MYLAR 0.022UF J		
	C11 ,12			CE04LW1C470M	ELECTRO 47UF 16WV		

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No.4

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
C13			CE04LW1V100M	ELECTRO 10UF 35WV		
C14			CQ93HP2A822J	MYLAR 8200PF J		
C15 -18			CC45FSL1H221J	CERAMIC 220PF J		
C19			CK45FB2H471K	CERAMIC 470PF K		
C20			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C21 ,22			CK45FB1H332K	CERAMIC 3300PF K		
C23			CK45FF1H103Z	CERAMIC 0.010UF Z		
C24			CK45FB1H102K	CERAMIC 1000PF K		
C51 ,52			CC45FSL1H221J	CERAMIC 220PF J		
C53 ,54			CK45FB1H471K	CERAMIC 470PF K		
C55 ,56			CE04LW1V100M	ELECTRO 10UF 35WV		
C57 ,58			CK45FB1H391K	CERAMIC 390PF K		
C59 ,60			CE04LW1C470M	ELECTRO 47UF 16WV		
C61 ,62			CQ92FM1H153J	MYLAR 0.015UF J		
C63			CE04LW1V100M	ELECTRO 10UF 35WV		
C64			CK45FB1H102K	CERAMIC 1000PF K		
J1 ,2			J11-0098-05	WIRE CLAMPER		
L1 ,2			L40-1035-20	SMALL FIXED INDUCTOR(10MH,J)		
L3			L32-0542-05	BIAS OSCILATING COIL		
VR1			R12-3685-05	TRIMMING POT.(10K)		
VR2			R12-3686-05	TRIMMING POT.(22K)		
VR3 ,4			R12-0605-05	TRIMMING POT.(220)		
VR5 ,6			R12-5086-05	TRIMMING POT.(100K)		
VR7			R12-3685-05	TRIMMING POT.(10K)		
VR8			R12-3686-05	TRIMMING POT.(22K)		
VR9 ,10			R12-0606-05	TRIMMING POT.(330)		
K1			S51-2089-05	MAGNETIC RELAY		
K1			S76-0018-05	MAGNETIC RELAY		
D7 -9			HSS104	DIODE		
D7 -9			1SS133	DIODE		
D54 ,55			HSS104	DIODE		
D54 ,55			1SS133	DIODE		
IC1 ,2			TA8125S	IC(2CH PRE AMP)		
Q1 ,2			2SC3246	TRANSISTOR		
Q3 ,4			2SC1845(F,E)	TRANSISTOR		
Q5			2SA992(F,E)	TRANSISTOR		
Q6			2SA1175(F,E)	TRANSISTOR		
Q6			2SA933S(Q,R)	TRANSISTOR		
Q7			2SC1740S(Q,R)	TRANSISTOR		
Q7			2SC2785(F,E)	TRANSISTOR		
Q8			DTC124ES	DIGITAL TRANSISTOR		
Q8			UN4212	TRANSISTOR		
Q9 -12			2SC1740S(Q,R)	TRANSISTOR		
Q9 -12			2SC2785(F,E)	TRANSISTOR		
Q13 ,14			2SC3246	TRANSISTOR		
Q15			2SA1175(F,E)	TRANSISTOR		
Q15			2SA933S(Q,R)	TRANSISTOR		
Q16			2SC1740S(Q,R)	TRANSISTOR		
Q16			2SC2785(F,E)	TRANSISTOR		
Q17 -19			DTC124ES	DIGITAL TRANSISTOR		
Q17 -19			UN4212	TRANSISTOR		

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No.5

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
MAIN UNIT-TUNER(X29-2520-XX) : Y, M, X TYPE						
C1 ,2			CK73FB1H103K	CHIP C 0.010UF K		
C4			CE04LW1A470M	ELECTRO 47UF 10WV		
C5			CK73FB1H103K	CHIP C 0.010UF K		
C8			CK73FB1H103K	CHIP C 0.010UF K		
C10			CK73FB1H102K	CHIP C 1000PF K		
C11			CE04LW1H4R7M	ELECTRO 4.7UF 50WV		
C13			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C14			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C21 ,22		*	CQ93FMG1H163J	MYLAR 0.016UF J		
C23			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C24			CE04LW1H3R3M	ELECTRO 3.3UF 50WV		
C25			CE04LW1V100M	ELECTRO 10UF 35WV		
C27			CK73FB1E473K	CHIP C 0.047UF K		
C28			CE04LW1V100M	ELECTRO 10UF 35WV		
C31			CE04LW1A470M	ELECTRO 47UF 10WV		
C32			CK73FB1H103K	CHIP C 0.010UF K		
C33			CC73FCH1H270J	CHIP C 27PF J		
C34			CC73FCH1H220J	CHIP C 22PF J		
C35 -38			CK73FB1H471K	CHIP C 470PF K		
C39			CE04LW1C470M	ELECTRO 47UF 16WV		
C40			CK73FB1H223K	CHIP C 0.022UF K		
C41			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C42 ,43			CK73FB1H103K	CHIP C 0.010UF K		
C50			C91-0769-05	CERAMIC 0.01UF K		
C51			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C52			CE04LW1C470M	ELECTRO 47UF 16WV		
C57			CC73FCH1H220J	CHIP C 22PF J		
C61			CK73FB1H103K	CHIP C 0.010UF K		
C62			CE04LW1C101M	ELECTRO 100UF 16WV		
C65			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C66			CK73FB1H103K	CHIP C 0.010UF K		
C71			CE04LW1V100M	ELECTRO 10UF 35WV		
C72			CE04LW1C470M	ELECTRO 47UF 16WV		
C103-106			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C107			CK73FB1E473K	CHIP C 0.047UF K		
C112			CC73FSL1H101J	CHIP C 100PF J		
C114			CK73FB1H681K	CHIP C 680PF K		
C116			CC73FSL1H101J	CHIP C 100PF J		
C117			CK73FB1H681K	CHIP C 680PF K		
C118			CK73FB1H103K	CHIP C 0.010UF K		
C119			CC73FSL1H101J	CHIP C 100PF J		
C121			CE04LW1C470M	ELECTRO 47UF 16WV		
C122			CE04LW1V330M	ELECTRO 33UF 35WV		
C135,136			CQ93FMG1H682J	MYLAR 6800PF J	YM	
C182			CC73FSL1H150J	CHIP C 15PF J		
J1			E20-0476-05	LOCK TERMINAL BOARD(4P)		
J2		*	F10-0953-04	SHIELDING PLATE		
CF1 ,2			L72-0531-05	CERAMIC FILTER		
CF3			L72-0574-05	CERAMIC FILTER		
L7			L30-0911-05	AM IFT		
L10			L40-1091-17	SMALL FIXED INDUCTOR		
L11			L40-1021-14	SMALL FIXED INDUCTOR(1.0MH,K)		
L12			L40-1091-17	SMALL FIXED INDUCTOR		

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No.6

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti-nation 仕向	Re-marks 備考
L103			L39-1328-05	COMBINATION COIL		
L106			L40-1091-17	SMALL FIXED INDUCTOR		
X1			L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)		
X2			L78-0295-05	RESONATOR (456KHZ)		
R11			RS14KB3A820J	FL-PROOF RS 82 J 1W		
⚠ R31			RS14KB3D221J	FL-PROOF RS 220 J 2W		
⚠ R42			RD14NB2E101J	RD 100 J 1/4W		
R111			RD14NB2E470J	RD 47 J 1/4W		
R127,128			RD14NB2E101J	RD 100 J 1/4W		
W164,165			E31-0001-00	JUMPER WIRE (RESISTOR TYPE)		
W167			E31-0001-00	JUMPER WIRE (RESISTOR TYPE)		
W169			E31-0001-00	JUMPER WIRE (RESISTOR TYPE)		
W173-182			E31-0001-00	JUMPER WIRE (RESISTOR TYPE)		
W184-188			E31-0001-00	JUMPER WIRE (RESISTOR TYPE)		
W191-193			E31-0001-00	JUMPER WIRE (RESISTOR TYPE)		
W195-201			E31-0001-00	JUMPER WIRE (RESISTOR TYPE)		
S101			S62-0034-05	SLIDE SWITCH	YM	
D3			HZS5.1N(B2)	ZENER DIODE		
D3			RD5.1ES(B2)	ZENER DIODE		
D4			HZS3.3N(B2)	ZENER DIODE		
D4			RD3.3ES(B2)	ZENER DIODE		
D7			MA110	DIODE		
D8			HSS104	DIODE		
D8			1SS133	DIODE		
D11			HZS8.2N(B2)	ZENER DIODE		
D11			RD8.2ES(B2)	ZENER DIODE		
D111,112			MA110	DIODE		
IC1			LA1831A-KEN	ANALOGUE IC		
IC2			LC7218	IC(PLL SYNTHESIZER)		
IC12			NJM4565D	IC(OP AMP X2)		
Q1			2SC2714(R,O)	TRANSISTOR		
Q2			2SC1845(F,E)	TRANSISTOR		
Q3			2SC2458(Y,GR)	TRANSISTOR		
Q3			2SC3311A(Q,R)	TRANSISTOR		
Q7			2SC2412K	TRANSISTOR		
Q11			2SD863(E,F)	TRANSISTOR		
Q102			2SA1037K	TRANSISTOR		
Q104			2SA1037K	TRANSISTOR		
Q107,108			2SC2412K	TRANSISTOR	YM	
Q109,110			2SD1757K	TRANSISTOR		
Q111			2SA1037K	TRANSISTOR		
A1			W02-1190-05	FM FRONT-END ASSY		
MAIN UNIT-TUNER(X29-2532-70) : E, G, T TYPE						
C1 ,2			CK73FB1H103K	CHIP C 0.010UF K		
C4			CE04LW1C470M	ELECTRO 47UF 16WV		
C5			CK73FB1H223K	CHIP C 0.022UF K		
C6			CK73FB1E473K	CHIP C 0.047UF K		
C7			CE04LW1H3R3M	ELECTRO 3.3UF 50WV		
C8			CK73FB1H682K	CHIP C 6800PF K		
C9			CK73FB1H103K	CHIP C 0.010UF K		
C10			CC73FCH1H330J	CHIP C 33PF J		
C11			CE04HW1E100M	NP-ELEC 10UF 25WV		
C12			CE04LW1H010M	ELECTRO 1.0UF 50WV		

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⋇ New Parts
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No.7

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti-nation 仕向	Re-marks 備考
C13			CE04LW1HR33M	ELECTRO 0.33UF 50WV		
C14			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C21 ,22			CK73FB1H682K	CHIP C 6800PF K		
C23			CE04LW1V100M	ELECTRO 10UF 35WV		
C25			CE04LW1V100M	ELECTRO 10UF 35WV		
C27			CE04LW1V100M	ELECTRO 10UF 35WV		
C28			CK73FB1E473K	CHIP C 0.047UF K		
C31			CE04LW1A470M	ELECTRO 47UF 10WV		
C32			CK73FB1H103K	CHIP C 0.010UF K		
C33			CC73FCH1H270J	CHIP C 27PF J		
C34			CC73FCH1H220J	CHIP C 22PF J		
C35 -38			CK73FB1H471K	CHIP C 470PF K		
C39			CE04LW1C470M	ELECTRO 47UF 16WV		
C40			CQ93FMG1H223J	MYLAR 0.022UF J		
C41			CE04HW1H2R2M	NP-ELEC 2.2UF 50WV		
C42 ,43			CK73FB1H103K	CHIP C 0.010UF K		
C47 ,48			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C50			CK73FB1H103K	CHIP C 0.010UF K		
C51			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C52			CE04LW1C470M	ELECTRO 47UF 16WV		
C57			CC73FCH1H220J	CHIP C 22PF J		
C65			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C66			C91-0769-05	CERAMIC 0.01UF K		
C107			CK73FB1E473K	CHIP C 0.047UF K		
C151			CK73FB1E104K	CHIP C 0.10UF K		
C182			CC73FSL1H150J	CHIP C 15PF J		
J1			E20-0321-05	LOCK TERMINAL BOARD		
J2		*	F10-0963-04	SHIELDING PLATE		
CF1 ,2			L72-0536-05	CERAMIC FILTER		
L1 ,2			L40-1091-17	SMALL FIXED INDUCTOR		
L3			L30-0498-05	FM IFT		
L5			L79-0125-05	LC FILTER		
L7			L30-0911-05	AM IFT		
L10			L40-1091-17	SMALL FIXED INDUCTOR		
L103			L39-1325-05	COMBINATION COIL		
L106			L40-1091-17	SMALL FIXED INDUCTOR		
X1			L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)		
X2			L78-0295-05	RESONATOR (456KHZ)		
R11			RD14NB2E470J	RD 47 J 1/4W		
⚠ R31			RS14KB3D221J	FL-PROOF RS 220 J 2W		
⚠ R42			RD14NB2E101J	RD 100 J 1/4W		
R111			RD14NB2E470J	RD 47 J 1/4W		
VR1			R12-3686-05	TRIMMING POT.(22K)		
VR2			R12-3685-05	TRIMMING POT.(10K)		
VR3			R12-1619-05	TRIMMING POT.(4.7K)		
W221			R92-0670-05	CHIP R 0 OHM		
W500			R92-0670-05	CHIP R 0 OHM		
W520			R92-0670-05	CHIP R 0 OHM		
W523			R92-0679-05	CHIP R 0 OHM		
W524-526			R92-0670-05	CHIP R 0 OHM		
W602-604			R92-0670-05	CHIP R 0 OHM		
W606-609			R92-0670-05	CHIP R 0 OHM		
W614			R92-0670-05	CHIP R 0 OHM		
W617-619			R92-0670-05	CHIP R 0 OHM		

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No.8

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
W621-626			R92-0679-05	CHIP R 0 OHM		
W627			R92-0670-05	CHIP R 0 OHM		
W628			R92-0679-05	CHIP R 0 OHM		
W629			R92-0670-05	CHIP R 0 OHM		
W630,631			R92-0679-05	CHIP R 0 OHM		
W632,633			R92-0670-05	CHIP R 0 OHM		
W634			R92-0679-05	CHIP R 0 OHM		
D3			HZS5.1N(B2)	ZENER DIODE		
D3			RD5.1ES(B2)	ZENER DIODE		
D4			HZS3.3N(B2)	ZENER DIODE		
D4			RD3.3ES(B2)	ZENER DIODE		
D5			HSS104	DIODE		
D5			1SS133	DIODE		
D111,112			HSS104	DIODE		
D111,112			1SS133	DIODE		
IC1			LA1851N	IC(AM,FM TUNER)		
IC2			LC7218	IC(PLL SYNTHESIZER)		
Q1			2SC2714(R,O)	TRANSISTOR		
Q2			2SC1845(F,E)	TRANSISTOR		
Q3 ,4			2SC2412K	TRANSISTOR		
Q5			2SA1037K	TRANSISTOR		
Q7			2SC2412K	TRANSISTOR		
Q102,103			2SA1037K	TRANSISTOR		
Q109,110			2SD1757K	TRANSISTOR		
Q111			2SA1037K	TRANSISTOR		
Q113,114			2SC2412K	TRANSISTOR		
Q116			2SC2412K	TRANSISTOR		
A1			W02-1166-15	FM FRONT-END ASSY		
MAIN UNIT-EXCEPT TUNER(X29-254X-XX)						
C201			CE04LW1V100M	ELECTRO 10UF 35WV		
C202			CE04LW1A470M	ELECTRO 47UF 10WV		
C203			CC73FCH1H180J	CHIP C 18PF J		
C204			CK73FB1E104K	CHIP C 0.10UF K		
C205			CE04HW1H010M	NP-ELEC 1.0UF 50WV		
C206			CE04LW0J471M	ELECTRO 470UF 6.3WV		
C207			CE04HW1H010M	NP-ELEC 1.0UF 50WV		
C208			CC73FSL1H101J	CHIP C 100PF J		
C209			CK73FB1H273K	CHIP C 0.027UF K		
C210			CK73FB1H681K	CHIP C 680PF K		
C211			CK73FB1H222K	CHIP C 2200PF K		
C212			CK73FB1H331K	CHIP C 330PF K		
C213			CC73FSL1H331J	CHIP C 330PF J		
C214			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C215			CK73FB1E104K	CHIP C 0.10UF K		
C216			CK73FB1H332K	CHIP C 3300PF K		
C217,218			CK73FB1E104K	CHIP C 0.10UF K		
C219			CK73FB1H273K	CHIP C 0.027UF K		
C220			CK73FB1H153K	CHIP C 0.015UF K		
C221,222			CE04LW1A101M	ELECTRO 100UF 10WV		
C223			CK73FB1C224K	CHIP C 0.22UF K		
C224			CK73FB1E104K	CHIP C 0.10UF K		
C225,226			CK73FB1H472K	CHIP C 4700PF K		
C227			CK73FB1H102K	CHIP C 1000PF K		
C228,229			CK73FB1H223K	CHIP C 0.022UF K		

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No.9

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
C230,231			CE04HW1HR33M	NP-ELEC 0.33UF 50WV		
C232			CK73FB1E104K	CHIP C 0.10UF K		
C233			CE04LW1A101M	ELECTRO 100UF 10WV		
C244,245			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C246			CE04LW1A470M	ELECTRO 47UF 10WV		
C247			CE04LW0J331M	ELECTRO 330UF 6.3WV		
C248			CE04LW1A101M	ELECTRO 100UF 10WV		
C249			CK73FF1C105Z	CHIP C 1.0UF Z		
C250,251			CK73FB1H103K	CHIP C 0.010UF K		
C253			CK73FB1E104K	CHIP C 0.10UF K		
C254			CK73FF1C105Z	CHIP C 1.0UF Z		
C255-260			CC73FSL1H221J	CHIP C 220PF J		
C261			CE04HW1E100M	NP-ELEC 10UF 25WV		
C290,291			CK73FB1H152K	CHIP C 1500PF K		
C292			CC73FSL1H102J	CHIP C 1000PF J		
C293			CE04LW1A101M	ELECTRO 100UF 10WV		
C294			CE04LW1A101M	ELECTRO 100UF 10WV		
C295			CE04LW1A101M	ELECTRO 100UF 10WV		
C296			CC73FCH1H220J	CHIP C 22PF J		
C297			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C401,402			CK73FB1H682K	CHIP C 6800PF K		
C403,404			CK73FB1H393K	CHIP C 0.039UF K		
C405,406			CC73FSL1H221J	CHIP C 220PF J		
C407-410			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C411,412			CQ93FMG1H333J	MYLAR 0.033UF J		
C413,414			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C415,416			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C417,418			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C419,420			CE04LW1V100M	ELECTRO 10UF 35WV		
C421,422			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C423,424			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C425,426			CE04LW1A101M	ELECTRO 100UF 10WV		
C427,428			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C429-432			CK73FB1H222K	CHIP C 2200PF K		
C501			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C502			CK73FB1H103K	CHIP C 0.010UF K		
C503			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C504			CE04LW1C101M	ELECTRO 100UF 16WV		
C506			CE04LW1C220M	ELECTRO 22UF 16WV		
C507			CE04LW1V100M	ELECTRO 10UF 35WV		
C508			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C601,602			CC73FSL1H221J	CHIP C 220PF J		
C605,606			CE04LW1V100M	ELECTRO 10UF 35WV		
C607,608			CK73FB1H471K	CHIP C 470PF K		
C609,610			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C611,612			CK73FB1H333K	CHIP C 0.033UF K		
C615,616			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C617,618			CE04LW1H220M	ELECTRO 22UF 50WV		
C619-622			CC45FSL1H331J	CERAMIC 330PF J		
C623,624			CC45FSL1H101J	CERAMIC 100PF J		
C625,626			CE04LW1A470M	ELECTRO 47UF 10WV		
C627-629			CE04LW1H470M	ELECTRO 47UF 50WV		
C630			CE04KW2A4R7M	ELECTRO 4.7UF 100WV		
C631-634			CQ93FMG1H104J	MYLAR 0.10UF J		
C635,636			CK45FF1H223Z	CERAMIC 0.022UF Z		

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No.10

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C637-639			CK73FB1H222K	CHIP C 2200PF K		
C640,641			CK73FB1H103K	CHIP C 0.010UF K		
C642			CK73FB1H331K	CHIP C 330PF K		
C643,644			CK73FB1H103K	CHIP C 0.010UF K		
C645			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C646			CK73FB1E104K	CHIP C 0.10UF K		
C647			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C648			CE04LW1C470M	ELECTRO 47UF 16WV		
C649			CE04LW1V100M	ELECTRO 10UF 35WV		
C650			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C651			CK73FB1H103K	CHIP C 0.010UF K		
C652			CC73FSL1H221J	CHIP C 220PF J		
C653			CE04LW1A101M	ELECTRO 100UF 10WV		
C654			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C655			CC73FCH1H220J	CHIP C 22PF J		
C656			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C657			CC73FSL1H102J	CHIP C 1000PF J		
C658,659			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C660			CK45FF1H103Z	CERAMIC 0.010UF Z		
C661,662			CE04LW1V100M	ELECTRO 10UF 35WV		
C663,664			CE04LW1H3R3M	ELECTRO 3.3UF 50WV		
C665,666			CK73FB1H221K	CHIP C 220PF K		
C667,668			CE04LW1H220M	ELECTRO 22UF 50WV		
C669,670			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C671			CC73FSL1H681J	CHIP C 680PF J		
C672			CK73FB1E823K	CHIP C 0.082UF K		
C673			CK73FB1E104K	CHIP C 0.10UF K		
C674			CK73FB1H222K	CHIP C 2200PF K		
C675,676			CK73FB1H223K	CHIP C 0.022UF K		
C677			CK73FB1H102K	CHIP C 1000PF K		
C678			CK73FB1H682K	CHIP C 6800PF K		
C679			CK73FB1E563K	CHIP C 0.056UF K		
C680			CK73FB1H682K	CHIP C 6800PF K		
C681			CK73FB1E563K	CHIP C 0.056UF K		
C682			CK73FF1C105Z	CHIP C 1.0UF Z		
C685			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C686,687			CK73FB1H222K	CHIP C 2200PF K		
C694			CE04HW1H2R2M	NP-ELEC 2.2UF 50WV		
C695,696			CE04LW1A470M	ELECTRO 47UF 10WV		
C697,698			CK45FF1H103Z	CERAMIC 0.010UF Z	YMX	
C697,698			CQ93FMG1H104J	MYLAR 0.10UF J	EGT	
C699,700			C90-1780-05	ELECTRO 3300UF 50WV		
C701			CK45FB1H102K	CERAMIC 1000PF K		
C702			CE04LW1E470M	ELECTRO 47UF 25WV		
C703			CE04LW1C470M	ELECTRO 47UF 16WV		
C704			CE04LW1C101M	ELECTRO 100UF 16WV		
C705			CE04LW1V470M	ELECTRO 47UF 35WV		
C706			CK45FB1H102K	CERAMIC 1000PF K		
C707			CE04LW1A470M	ELECTRO 47UF 10WV		
C708			CE04LW1C470M	ELECTRO 47UF 16WV		
C709			CC45FSL1H101J	CERAMIC 100PF J		
C710			CE04LW1C222M	ELECTRO 2200UF 16WV		
C711			CE04LW1H101M	ELECTRO 100UF 50WV		
C712			CE04LW1V100M	ELECTRO 10UF 35WV		
C713			CK45FF1H223Z	CERAMIC 0.022UF Z		

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No.11

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti-nation 仕向	Re-marks 備考
C714			CK73FF1C105Z	CHIP C 1.0UF Z		
C716			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C718			CE04LW1V470M	ELECTRO 47UF 35WV		
C719			CK45FF1H103Z	CERAMIC 0.010UF Z		
C720			CE04LW1E222M	ELECTRO 2200UF 25WV		
C721			CE04LW1A101M	ELECTRO 100UF 10WV		
C722			CK45FF1H103Z	CERAMIC 0.010UF Z		
C723			CE04LW1A470M	ELECTRO 47UF 10WV		
C724,725			CE04LW1C470M	ELECTRO 47UF 16WV		
C726,727			CC45FSL1H220J	CERAMIC 22PF J		
C728,729			CQ93FMG1H333J	MYLAR 0.033UF J		
C755			CE04LW1C470M	ELECTRO 47UF 16WV		
C800			CK45FF1H103Z	CERAMIC 0.010UF Z		
C801,802			CK45FB1H102K	CERAMIC 1000PF K		
J601			E63-0115-15	PHONO JACK		
J602			E11-0220-05	MINIATURE PHONE JACK		
J603			E11-0209-05	PHONE JACK		
J604			E70-0045-05	LOCK TERMINAL BOARD		
⚠ F2 ,3			F05-3121-05	FUSE (SEMKO) (250V T3.15AL)		
⚠ F4			F05-1623-05	FUSE (SEMKO) (250V T1.6A)		
⚠ F5			F06-1022-05	FUSE (SEMKO) (250V T1AL)		
CN603-606			J13-0075-05	FUSE CLIP		
CN613-616			J13-0075-05	FUSE CLIP		
J608			J11-0098-05	WIRE CLAMPER		
L201			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)		
L202			L40-1091-17	SMALL FIXED INDUCTOR		
L401,402			L79-1201-05	LC FILTER		
L403,404			L40-1035-20	SMALL FIXED INDUCTOR(10MH,J)		
X201			L78-0299-05	RESONATOR (16.93M)		
X202			L78-0605-05	RESONATOR (8.38MHZ)		
R296			RD14NB2E220J	RD 22 J 1/4W		
R524			RD14NB2E100J	RD 10 J 1/4W		
R540			RD14NB2E102J	RD 1.0K J 1/4W		
R637-640			RD14NB2E222J	RD 2.2K J 1/4W		
R643			RD14NB2E102J	RD 1.0K J 1/4W		
R644			RD14NB2E471J	RD 470 J 1/4W		
R645,646			RD14NB2E4R7J	RD 4.7 J 1/4W		
R647-650			RD14NB2E102J	RD 1.0K J 1/4W		
⚠ R715			RD14NB2E4R7J	RD 4.7 J 1/4W		
R720			RD14NB2E010J	RD 1.0 J 1/4W		
R733-736			RS14KB3AR22J	FL-PROOF RS 0.22 J 1W		
R742			RD14GB2E220J	FL-PROOF RD 22 J 1/4W		
R800			RD14AB2E1R0J	FL-PROOF RD 1.0 J 1/4W		
VR201			R12-3688-05	TRIMMING POT.(47K ｱｾ)		
VR601			R31-0028-05	VARIABLE RESISTOR		
VR602			R31-0002-05	VARIABLE RESISTOR		
K601			S51-2094-05	MAGNETIC RELAY		
D201-209			MA110	DIODE		
D501			HSS104	DIODE		
D501			1SS133	DIODE		
D502			HZS5.1N(B2)	ZENER DIODE		

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PARTS LIST

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No.12

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti-nation 仕向	Re-marks 備考
D502			RD5.1ES(B2)	ZENER DIODE		
D601-604			MA110	DIODE		
D605			HZS10N(B2)	ZENER DIODE		
D605			RD10ES(B2)	ZENER DIODE		
D606-609			MA110	DIODE		
D610			HZS3.3N(B2)	ZENER DIODE		
D610			RD3.3ES(B2)	ZENER DIODE		
D611,612			S5688B	DIODE		
D611,612			1SR139-100	DIODE		
D613			HZS8.2N(B2)	ZENER DIODE		
D613			RD8.2ES(B2)	ZENER DIODE		
⚠ D614			D3SBA20F03	DIODE		
⚠ D614			RBV-402LFA	DIODE		
D615,616			HZS6.2N(B2)	ZENER DIODE		
D615,616			RD6.2ES(B2)	ZENER DIODE		
⚠ D621,622			HSS104	DIODE		
⚠ D621,622			1SS133	DIODE		
⚠ D623			S5688B	DIODE		
⚠ D623			1SR139-100	DIODE		
D625			HZS5.1N(B2)	ZENER DIODE		
D625			RD5.1ES(B2)	ZENER DIODE		
D626,627			HSS104	DIODE		
D626,627			1SS133	DIODE		
D630			MA110	DIODE		
⚠ D631			KBP02ML-6127	DIODE		
D632			MA110	DIODE		
⚠ D633			KBP02ML-6127	DIODE		
⚠ D634			MA110	DIODE		
⚠ D635			S5688B	DIODE		
⚠ D635			1SR139-100	DIODE		
IC201			AN8806SB	ANALOGUE IC		
IC202			BA6398FP	ANALOGUE IC		
IC203			MN662720RB	MOS-IC		
IC204			UPD78012BGC-652	MI-COM IC		
IC206			TA8409S	IC(MOTOR CONTROL)		
IC207			SM5875BM	MOS-IC		
IC401			HA12182NT	ANALOGUE IC		
IC601			NJU7313AM	ANALOGUE IC		
IC602			CXA1642M	ANALOGUE IC		
IC603,604			NJM4565M	IC(OP AMP X2)		
IC605			UPC1853CT-02	ANALOGUE IC		
IC606			NJM4565D	IC(OP AMP X2)		
⚠ IC607			STK4142/2K	CUSTOM IC		
Q201			2SA1534A(R,S)	TRANSISTOR		
Q202			2SA954(L,K)	TRANSISTOR		
Q203			2SC2412K	TRANSISTOR		
Q204			DTA115EU	DIGITAL TRANSISTOR		
Q205			DTC124EU	DIGITAL TRANSISTOR		
Q401,402			DTC124EU	DIGITAL TRANSISTOR		
Q403-406			2SD1757K	TRANSISTOR		
Q503			DTA124ES	DIGITAL TRANSISTOR		
Q503			UN4112	TRANSISTOR		
Q504			2SC2412K	TRANSISTOR		
Q505			2SC3940A(R,S)	TRANSISTOR		
Q506			DTA124ES	DIGITAL TRANSISTOR		

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No.13

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti-nation 仕向	Re-marks 備考
Q506			UN4112	TRANSISTOR		
Q507			DTC124ES	DIGITAL TRANSISTOR		
Q507			UN4212	TRANSISTOR		
Q513			2SC2412K	TRANSISTOR		
Q601,602			2SC2878(B)	TRANSISTOR		
Q603			2SA1048(Y,GR)	TRANSISTOR		
Q603			2SA1309A(Q,R)	TRANSISTOR		
Q604,605			2SC1845(F,E)	TRANSISTOR		
Q606			2SC2003(L,K)	TRANSISTOR		
Q607			2SC2458(Y,GR)	TRANSISTOR		
Q607			2SC3311A(Q,R)	TRANSISTOR		
⚠ Q608			2SD2012	TRANSISTOR		
⚠ Q608			2SD2061	TRANSISTOR		
Q609			2SC2458(Y,GR)	TRANSISTOR		
Q609			2SC3311A(Q,R)	TRANSISTOR		
⚠ Q610			2SD2012	TRANSISTOR		
⚠ Q610			2SD2061	TRANSISTOR		
Q611			2SC2458(Y,GR)	TRANSISTOR		
Q611			2SC3311A(Q,R)	TRANSISTOR		
Q612,613			2SA1048(Y,GR)	TRANSISTOR		
Q612,613			2SA1309A(Q,R)	TRANSISTOR		
⚠ Q614,615			2SD2012	TRANSISTOR		
⚠ Q614,615			2SD2061	TRANSISTOR		
Q616,617			2SC2458(Y,GR)	TRANSISTOR		
Q616,617			2SC3311A(Q,R)	TRANSISTOR		
Q618			DTA113ZS	DIGITAL TRANSISTOR		
Q618			UN4119	TRANSISTOR		
Q619-621			2SC2458(Y,GR)	TRANSISTOR		
Q619-621			2SC3311A(Q,R)	TRANSISTOR		
Q622,623			2SC2878(B)	TRANSISTOR		
CD MECHANISM ASSY(X92-2028-X1)						
101	3B	*	A10-2947-21	CHASSIS (MAIN)		
102	2B		A11-0735-03	SUB CHASSIS (FRAME)		
103	1A		A11-0737-02	SUB CHASSIS (CLAMPER)		
DM	1B		A11-0733-05	SUB CHASSIS ASSY (DISC MOTOR)		
111	1B		D10-2325-04	ROD		
112	2B		D10-3253-03	SLIDER		
113	3A		D13-0975-04	GEAR (INTERMEDIATE)		
114	3A		D13-0976-03	GEAR (CENTER)		
115	3A		D13-0977-03	GEAR (CARRIER)		
116	3A		D13-0978-03	GEAR (IDLER)		
117	2A		D13-0979-03	GEAR (MAIN)		
118	2A		D13-0980-02	LACK (GEAR)		
119	2B		D13-0894-05	GEAR (MOTOR)		
120	1B		D13-0895-05	GEAR (INTERMEDIATE)		
121	1B		D13-0896-05	GEAR (FEED)		
125	3B		D15-0328-04	MOTOR PULLEY		
126	3A		D15-0329-03	PULLEY		
127	3B		D16-0329-04	BELT		
131	2B		E35-0420-05	LEAD WIRE		
132	1B	*	E35-1013-15	WIRING HARNESS		
133	1B	*	E35-1014-05	WIRING HARNESS		
134	2B,3B		E35-1015-05	WIRING HARNESS		
135	2B		G01-3464-04	COMPRESSION SPRING		

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No.14

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti-nation 仕向	Re-marks 備考
136	1B		G10-0146-04	NON-WOVEN FABRIC		
140	1B,2B		J02-1058-15	INSULATOR		
141	1A		J11-0180-03	CLAMPER		
142	2A		J99-0513-01	TRAY		
S1	3B		S33-2062-05	LEVER SWITCH (OPEN/CLOSE)		
S2	2B		S33-1022-05	LEVER SWITCH (SLT)		
155	1A		T50-1058-04	YOKE		
156	1A		T99-0503-15	MAGNET		
FM	2B		T42-0566-05	DC MOTOR (FEED MOTOR)		
LM	3B		T42-0609-05	DC MOTOR (LOADING MOTOR)		
PU	1B		T25-0010-05	OPTICAL PICKUP HEAD		
J1			E20-0476-05	LOCK TERMINAL BOARD(4P)	YMX	
CASSETTE MECHANISM ASSY(A : D40-1343-X5 , B : D40-1345-X5)						
401	2C		A10-3174-08	HEAD CHASSIS		
405	2E		D01-0175-08	FLYWHEEL (R) ASSY		
406	1D		D01-0176-08	FLYWHEEL (L) ASSY		
407	1C		D10-3468-08	INTER LOCK ARM (L)(A MECHA)		
408	2D		D10-3469-08	INTER LOCK ARM (R)(B MECHA)		
409	1E		D10-3470-08	SHIFT LEVER		
410	2E		D10-3471-08	HEAD CHANGE ARM		
411	1E		D10-3472-08	CAM GEAR		
412	1C		D10-3476-08	EJECT LEVER (L) (A MECHA)		
413	2E		D10-3477-08	EJECT LEVER (R) (B MECHA)		
414	2C		D10-3478-08	SELET LEVER		
415	1D		D10-3479-08	CHASSIS OS ASSY		
416	2C		D10-3480-08	C/R LEVER		
420	2C		D13-0981-08	ROTATION GEAR		
421	1C		D13-1616-08	REW GEAR		
422	1C,2D		D13-1617-08	REEL GEAR		
423	1D		D13-1618-08	IDLER GEAR		
424	2C		D13-1621-08	RETURN GEAR		
425	1E		D13-1622-08	TRIGGER ARM		
426	2D		D14-0367-08	PINCH ARM (R) ASSY		
427	2C		D14-0368-08	PINCH ARM (L) ASSY		
430	1D		D15-0369-08	IDLER PULLEY		
431	2E		D16-0375-08	DRIVE BELT		
432	2E		D16-0376-08	CLUTCH BELT		
433	1C,2C		D19-0270-18	REEL CAP (A)		
434	1D		D19-0287-08	CLUTCH ARM ASSY		
440	1E		E35-0396-08	15P FLAT RIBBON WIRE		
441	2C		E35-0985-08	3P HEAD WIRE ASSY (A MECHA)		
441	2C		E35-0987-08	5P HEAD WIRE ASSY (B MECHA)		
442	1E		E35-0986-08	MOTOR WIRE		
445	1C,2D		G01-3709-08	B.T SPRING		
446	1D		G01-3710-08	SHIFT LEVER SP		
447	1E		G01-3711-08	TRIGGER ARM SP		
448	2E		G01-3712-08	HEAD CHANGE ARM SP		
449	1C,2E		G01-3713-08	EJECT SP		
450	2C		G01-3714-08	C/R LEVER SP		
451	2C		G01-3715-08	SELECT SP		
452	2C		G01-3716-08	SHIFT SP		

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453	1C		G01-3717-08	INTER LOCK SP (L)		
454	2D		G01-3723-08	INTER LOCK SP (R)		
455	2C		G01-3718-08	RETURN SPR		
456	2C		G01-3719-08	FWD SPR		
457	2C		G01-3720-08	HEAD RETURN PLATE SP		
458	2D		G01-3721-08	BRAKE SP (R)		
459	1D		G01-3722-08	BRAKE SP (L)		
460	1D		G01-3724-08	CLUTCH ARM SPRING (B)		
461	1D		G01-3725-08	CLUTCH SP		
462	1D		G02-0913-08	PACK SPRING		
463	2C		G02-1043-08	AZIMUTH SPR		
465	2C		G11-2117-08	HEAD WIRE CLAMP		
466	1D		G11-2205-08	TUBE		
467	2D		G16-0791-08	REFLECT SEAL		
470	1E		J19-3652-08	CABLE HOLDER		
471	2C		J19-3709-08	HEAD BASE		
472	2C		J21-6135-08	HEAD RETURN PLATE		
473	2C		J21-6184-08	HEAD PLATE ASSY		
474	2C		J42-0183-08	REEL BUSH		
475	2D		J69-0086-08	FILAMENT TAPE		
AA			N19-1316-08	POLY WASHER		
AB			N19-1354-08	NYLON WASHER		
AC			N19-1355-08	NYLON WASHER		
AD			N19-1384-08	POLY WASHER		
AE			N19-1385-08	POLY WASHER		
AF			N19-1386-08	POLY WASHER		
AG			N19-1387-08	TEFRON WASHER		
AH			N19-1388-08	POLY WASHER		
AK			N09-2900-08	SCREW		
S			N09-1497-08	TAP TITE SCREW		
T			N09-2871-08	TAPPING SCREW		
V			N09-2876-08	HEAD SCREW		
W			N09-2901-08	BIND TAP TITE SCREW		
X			N09-3112-08	AZIMUTH SCREW		
Y			N19-1287-08	POLY WASHER		
Z			N19-1288-08	POLY WASHER		
480	1E,2E		S74-0033-08	REC SWITCH		
481	1E,2E		S74-0042-08	PLAY SWITCH		
484	1E		T94-0233-08	SOLENOID ASSY		
485	1E,2E		T95-0125-08	PHOTO INTERRUPTER		
MM	1E		T42-0687-08	MOTOR ASSY		
PH	2C		T31-0066-08	ROTATION HD MP10P-AB215		A
RPEH	1C		T31-0020-08	ROTATION HD YK56R-AA405		B

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RXD-C2/L

SPECIFICATIONS

Amplifier section

Rated power output
(IHF'66) 1kHz, 10 % T.H.D. at 6 Ω............ 37 W + 37 W

Input sensitivity / Impedance
AUX .... 200 mV / 47 kΩ
MIC .... 3.5 mV / 47 kΩ

Total harmonic distortion
.... 0.2 % (1 kHz, 1/2 rated power, 6 Ω)

Signal to noise ratio
AUX .... 80 dB (IHF'66)

FM Tuner section

Tuning frequency range .... 87.5 MHz ~ 108 MHz
Sensitivity (IHF) .... 13.2 dBf (1.2 µV at 75 Ω)

AM Tuner section

Tuning frequency range
9 kHz step .... 531 kHz ~ 1,602 kHz
10 kHz step .... 530 kHz ~ 1,610 kHz
Usable sensitivity .... 12 µV / (500 µV / m)

Cassette deck section

Track .... 4-track, 2-channel stereo
Recording system .... AC bias system
(Frequency: 105 kHz)
Heads
A deck Playback head 1
B deck Playback / recording head 1
Erasing head 1
Motors
A deck 1
B deck 1
Fast winding time .... Approx. 120 seconds
(C-60 tape)
Wow and flutter .... 0.15 % (W.R.M.S.)

CD player section

Laser .... Semiconductor laser
Playing rotation .... 200 rpm ~ 500 rpm (CLV)
Wow & Flutter .... Unmeasurable Limit

General

Power consumption .... 110 W
Dimensions ....W : 270 mm
H : 305 mm
D : 337 mm
Weight (net) .... 6.8 kg

KENWOOD follows a policy of continuous advancements in development.

For this reason specifications may be changed without notice.

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the general market (M) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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